

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

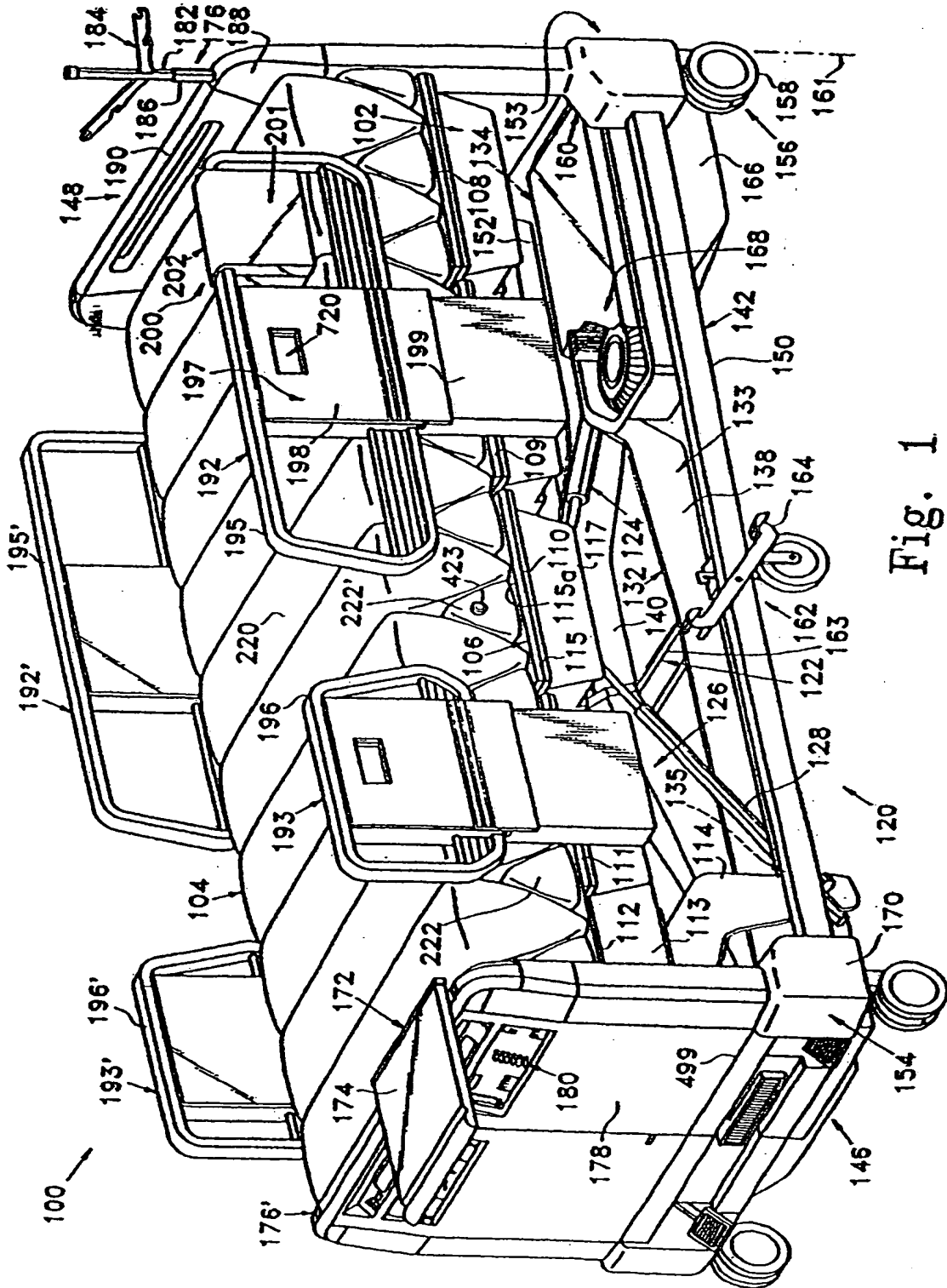
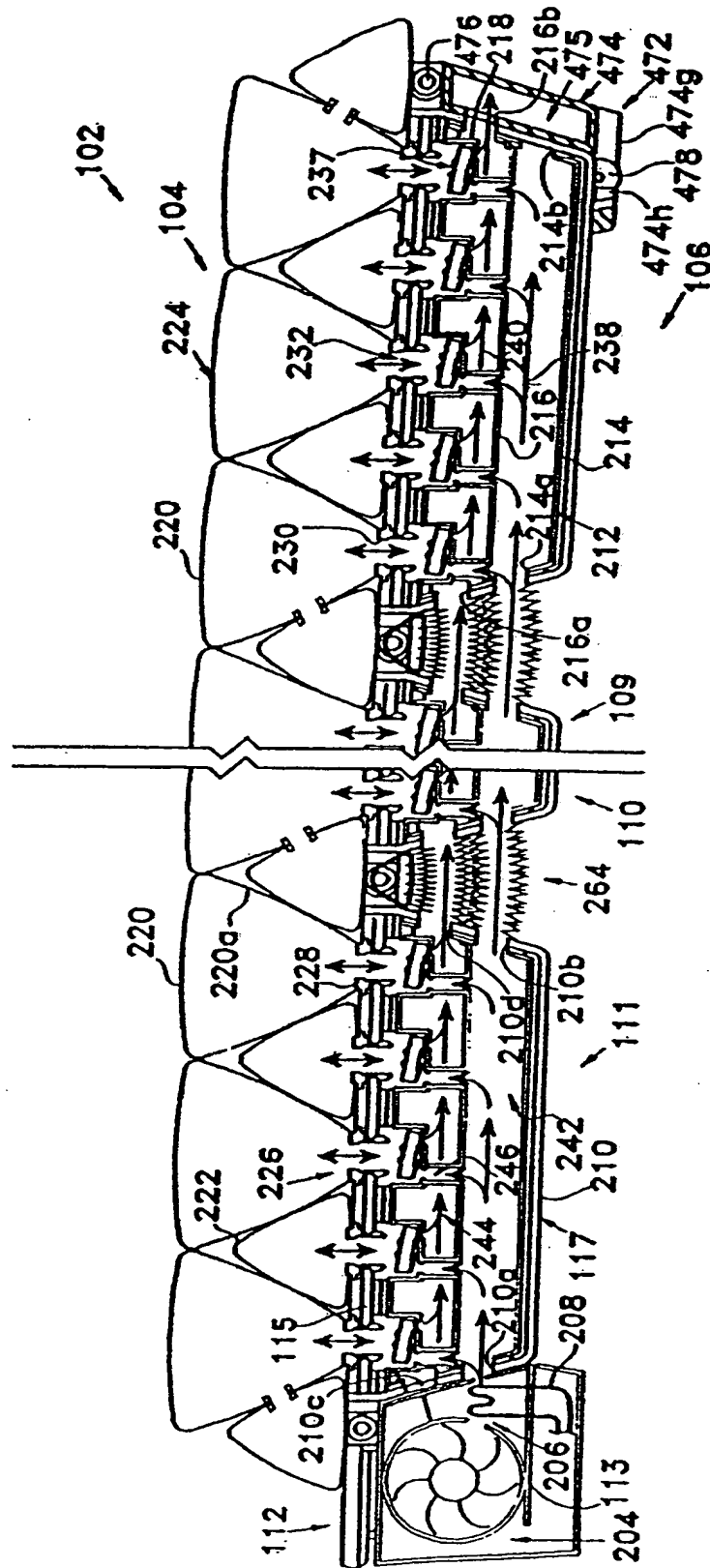
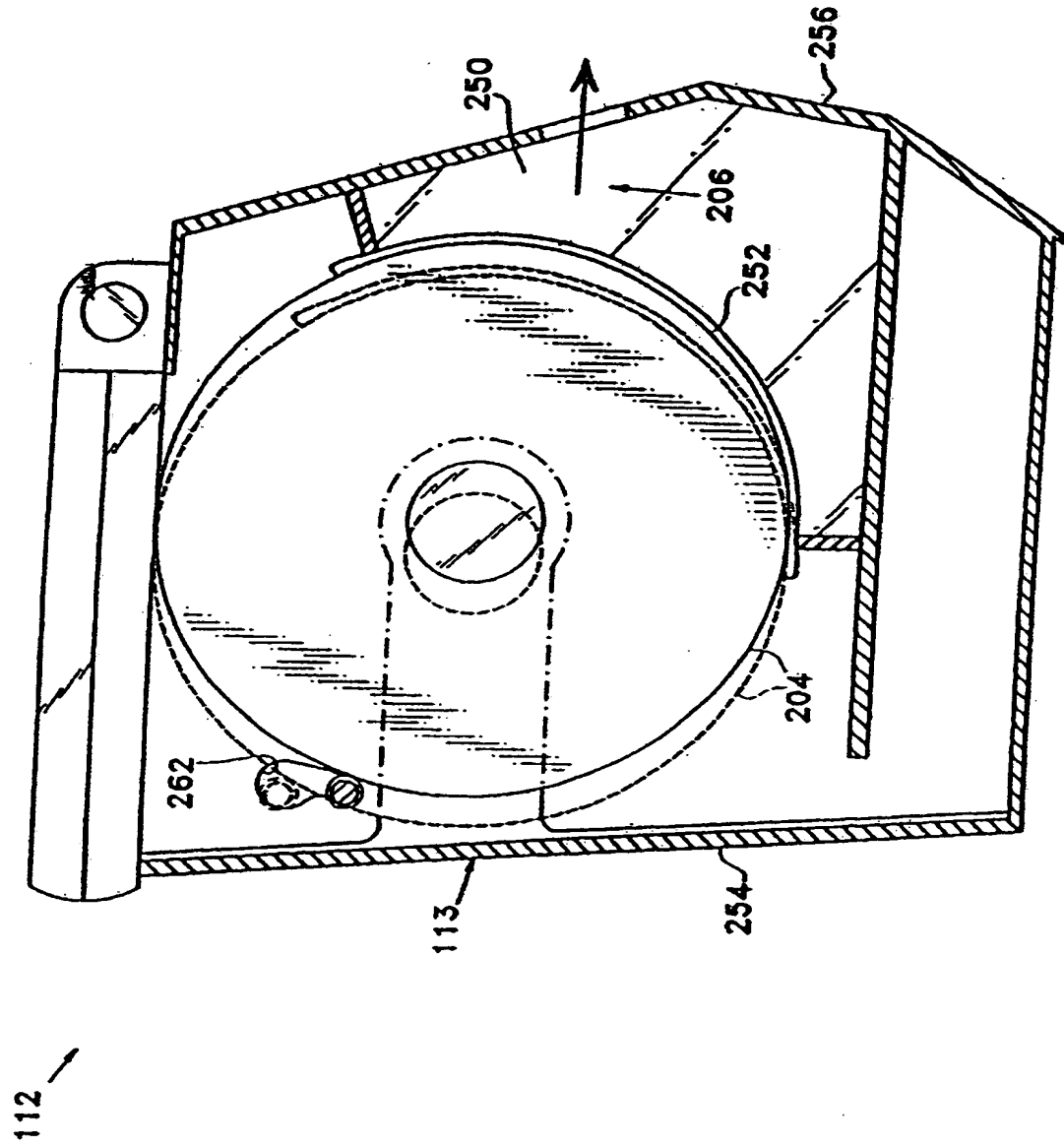


Fig. 1

2
 5
 11



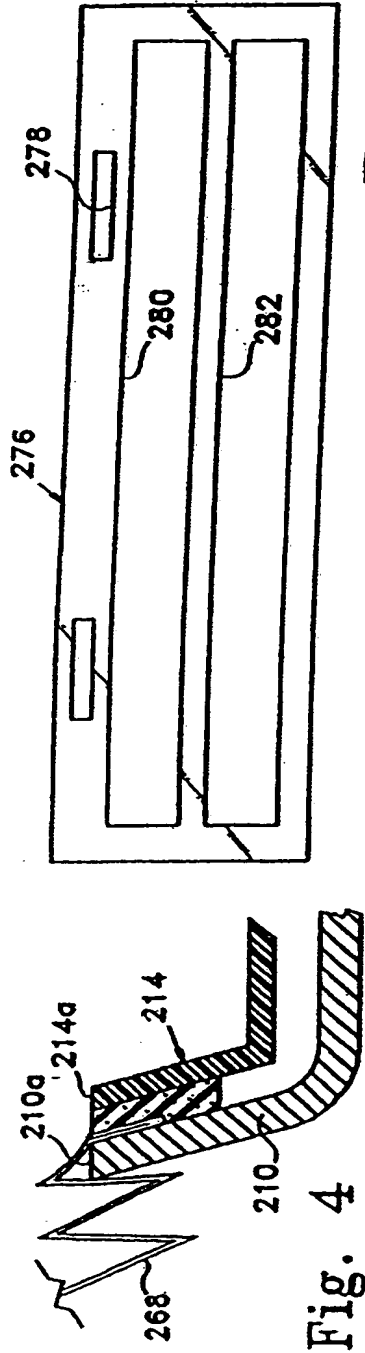


Fig. 6

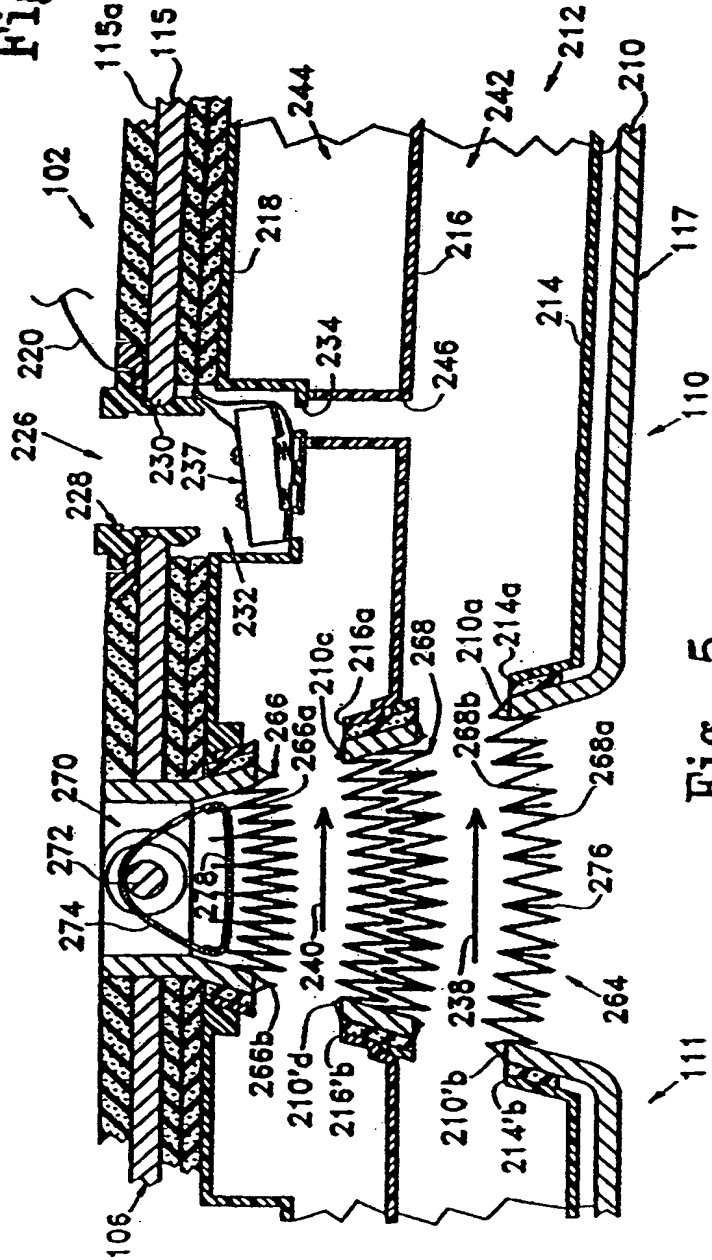
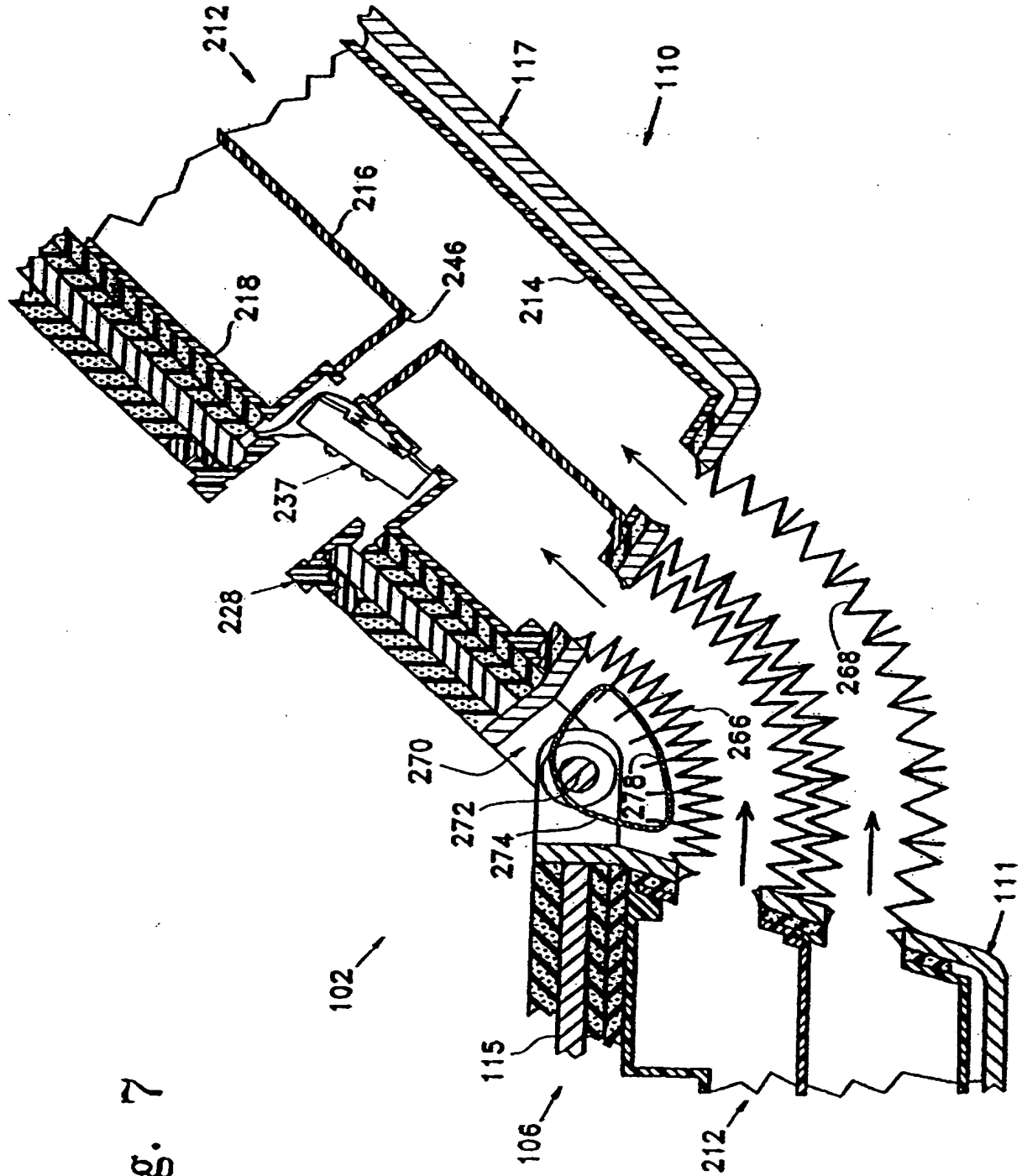


Fig. 5

Fig. 7



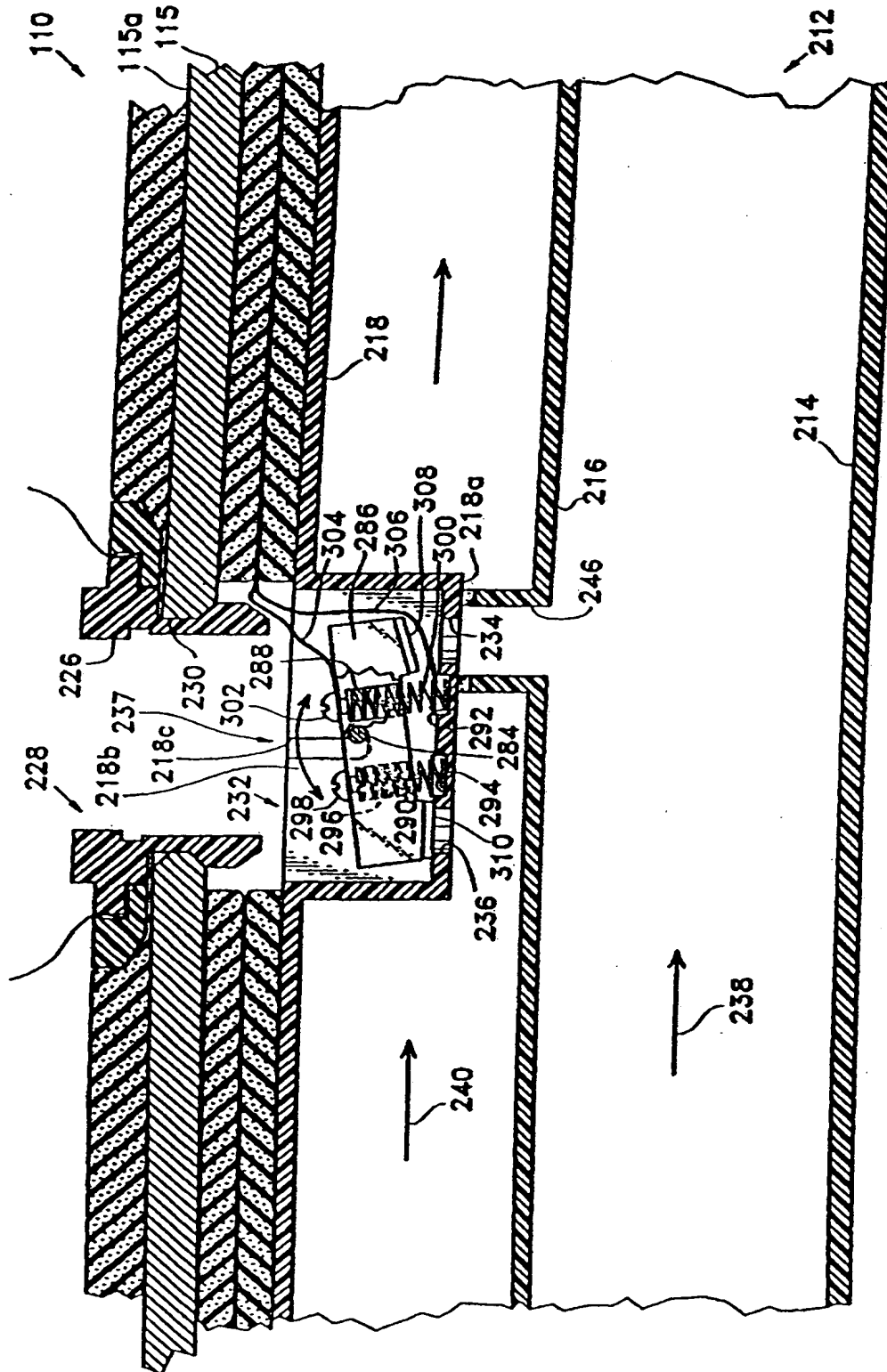


Fig. 8

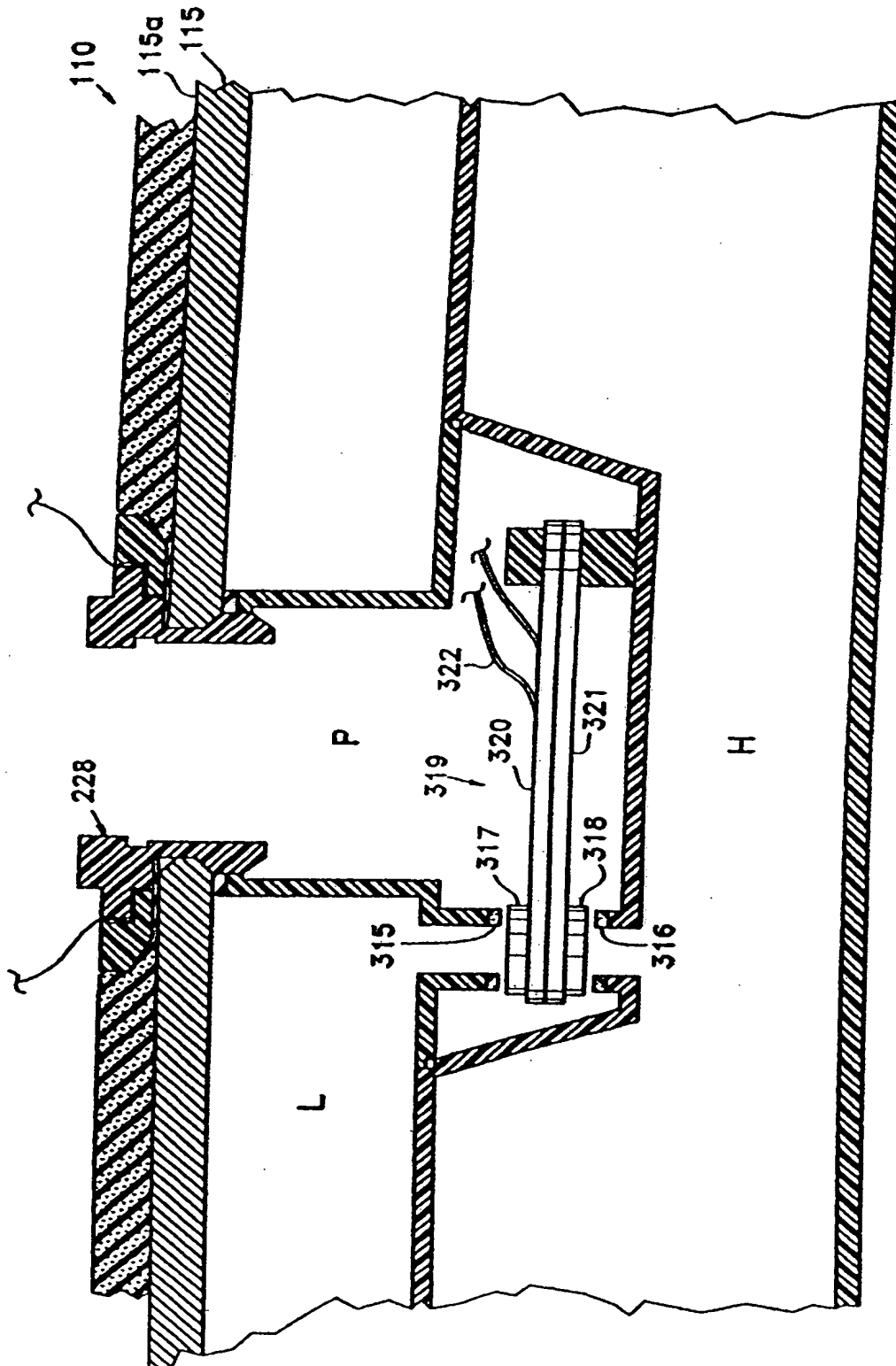


Fig. 11

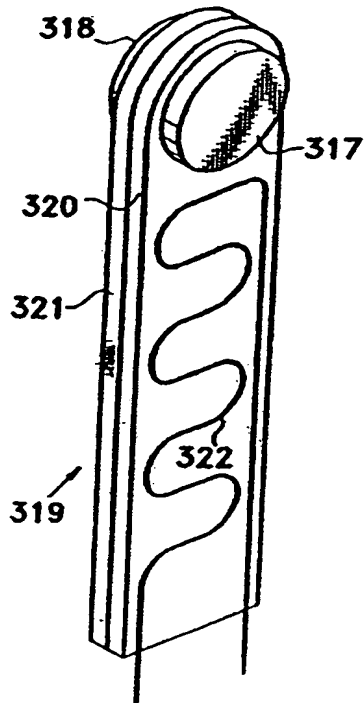


Fig. 12

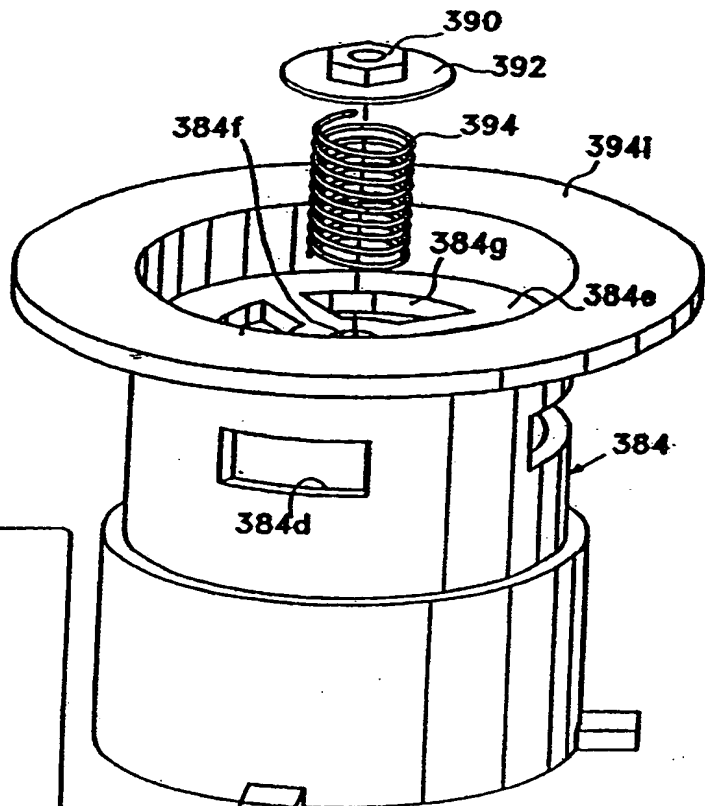


Fig. 19

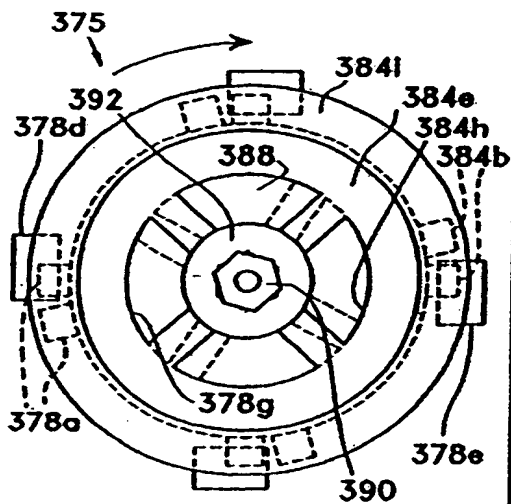
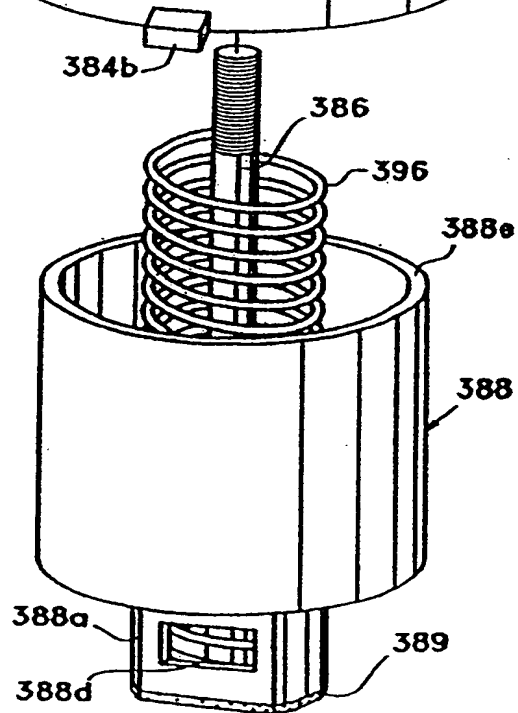


Fig. 20



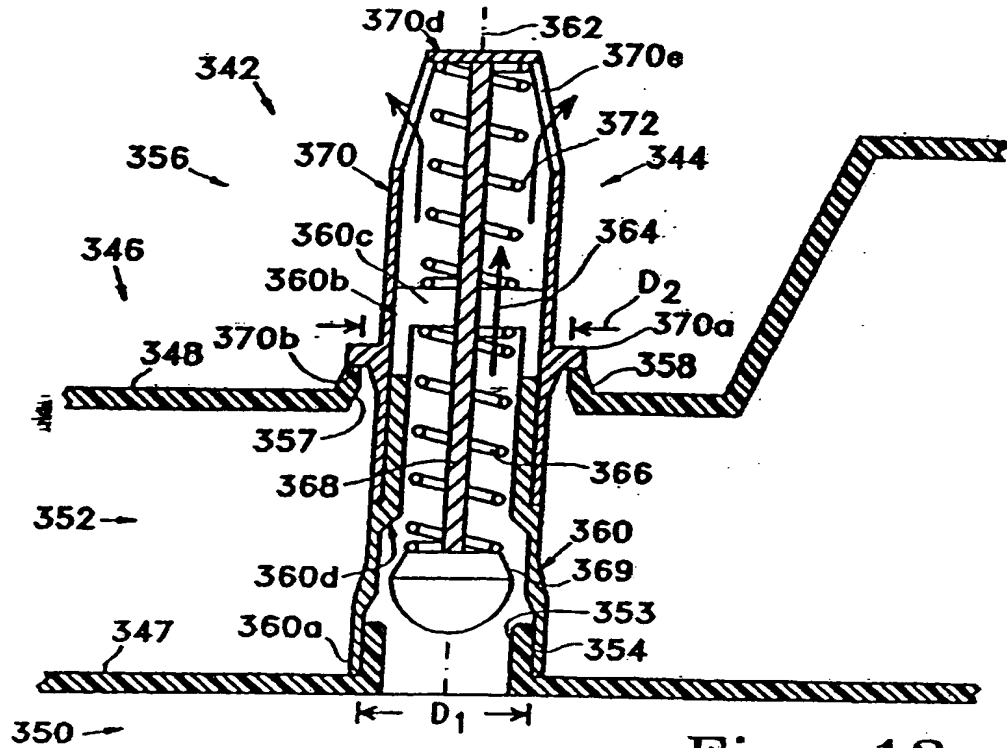


Fig. 13

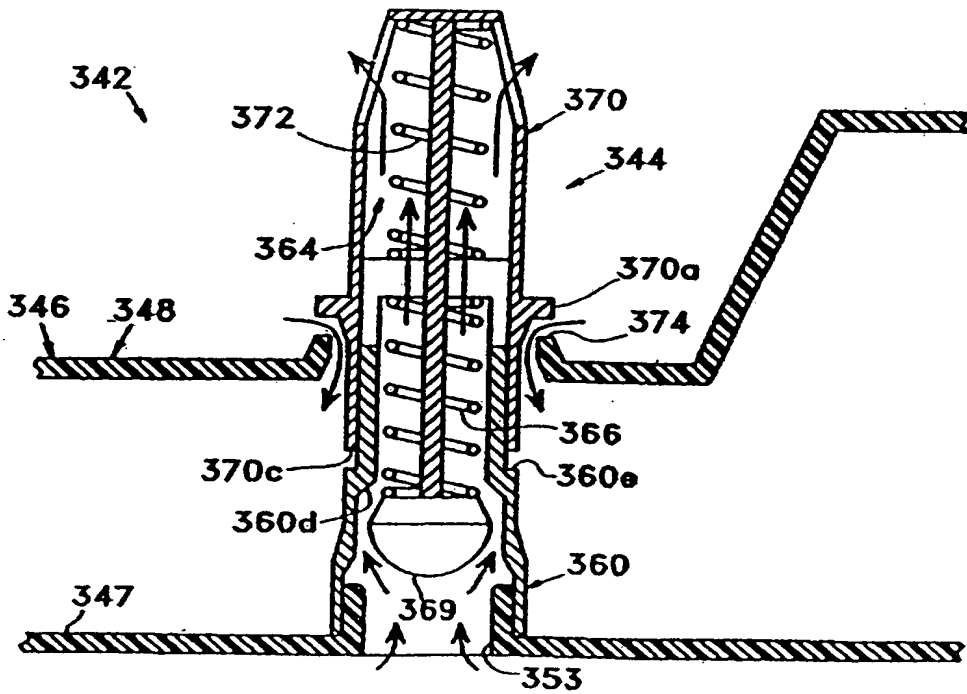


Fig. 14

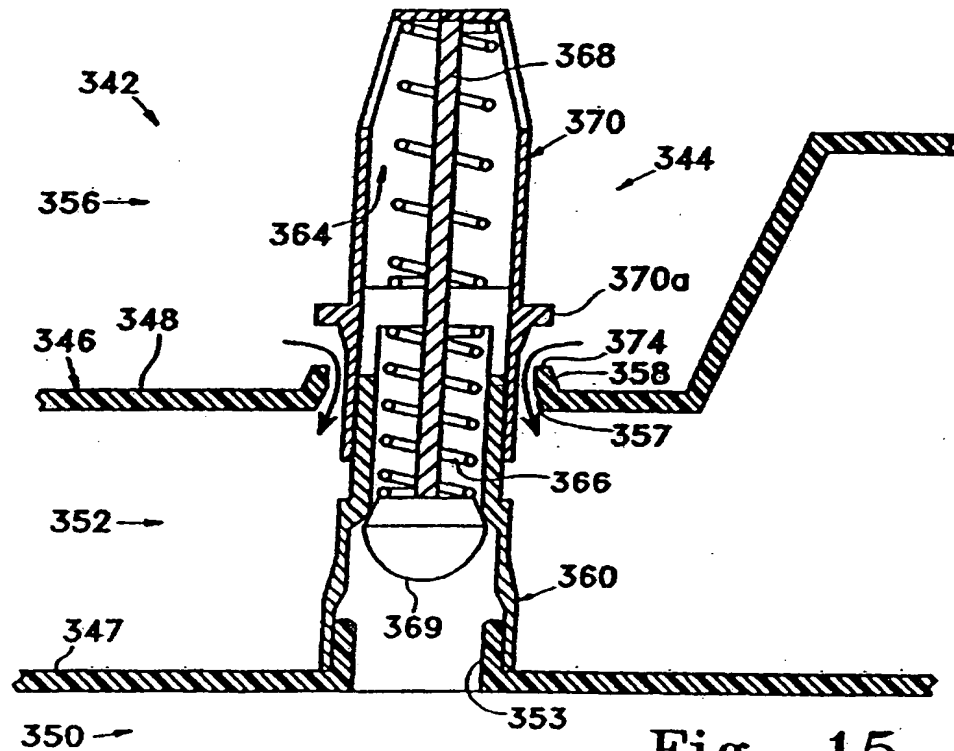


Fig. 15

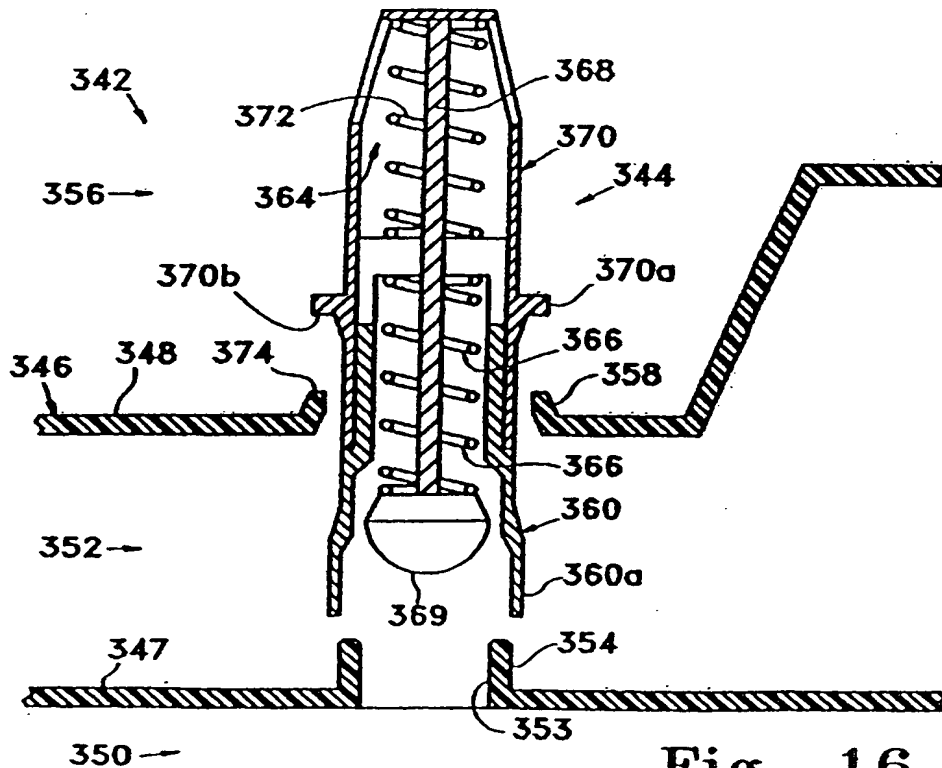


Fig. 16

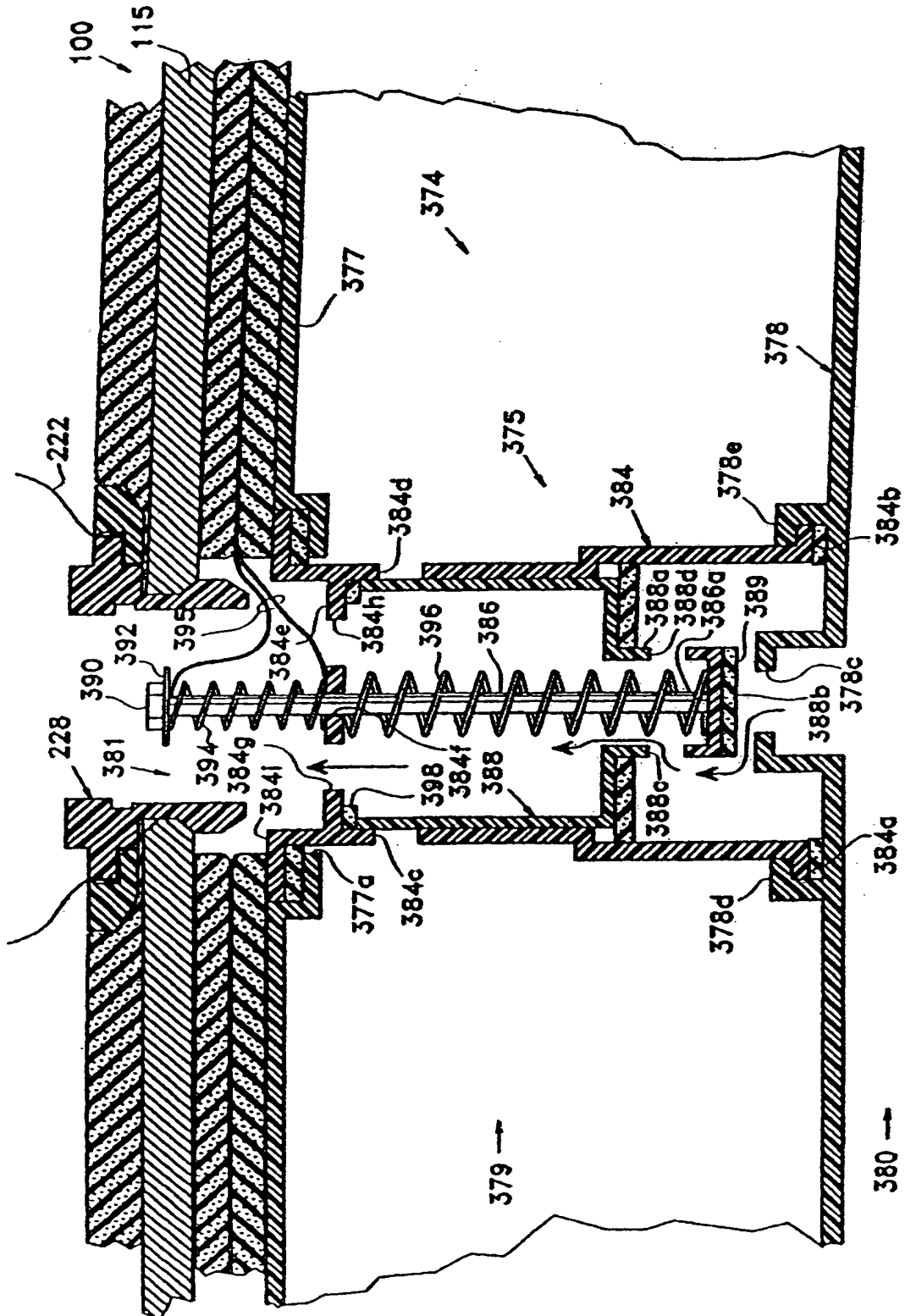
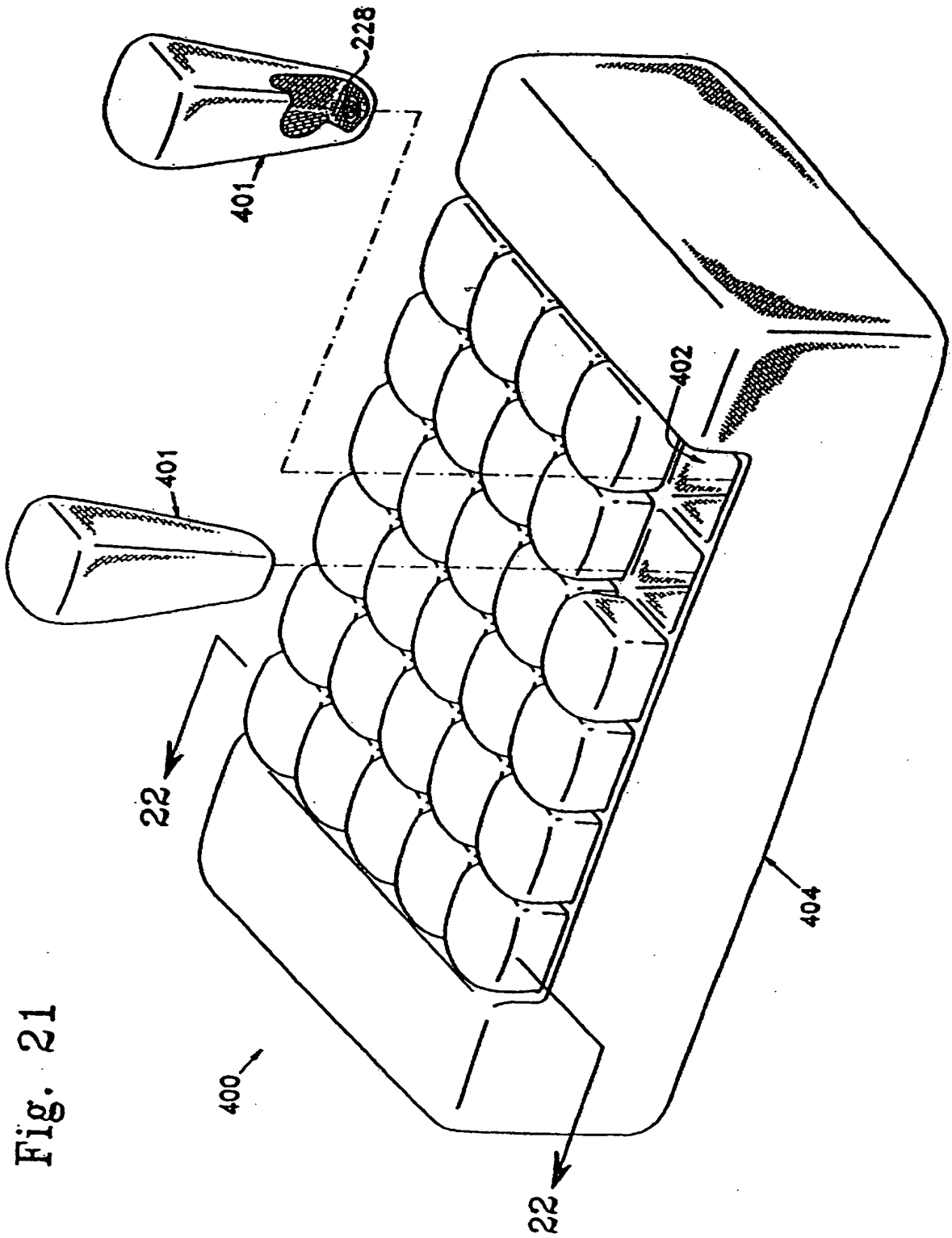
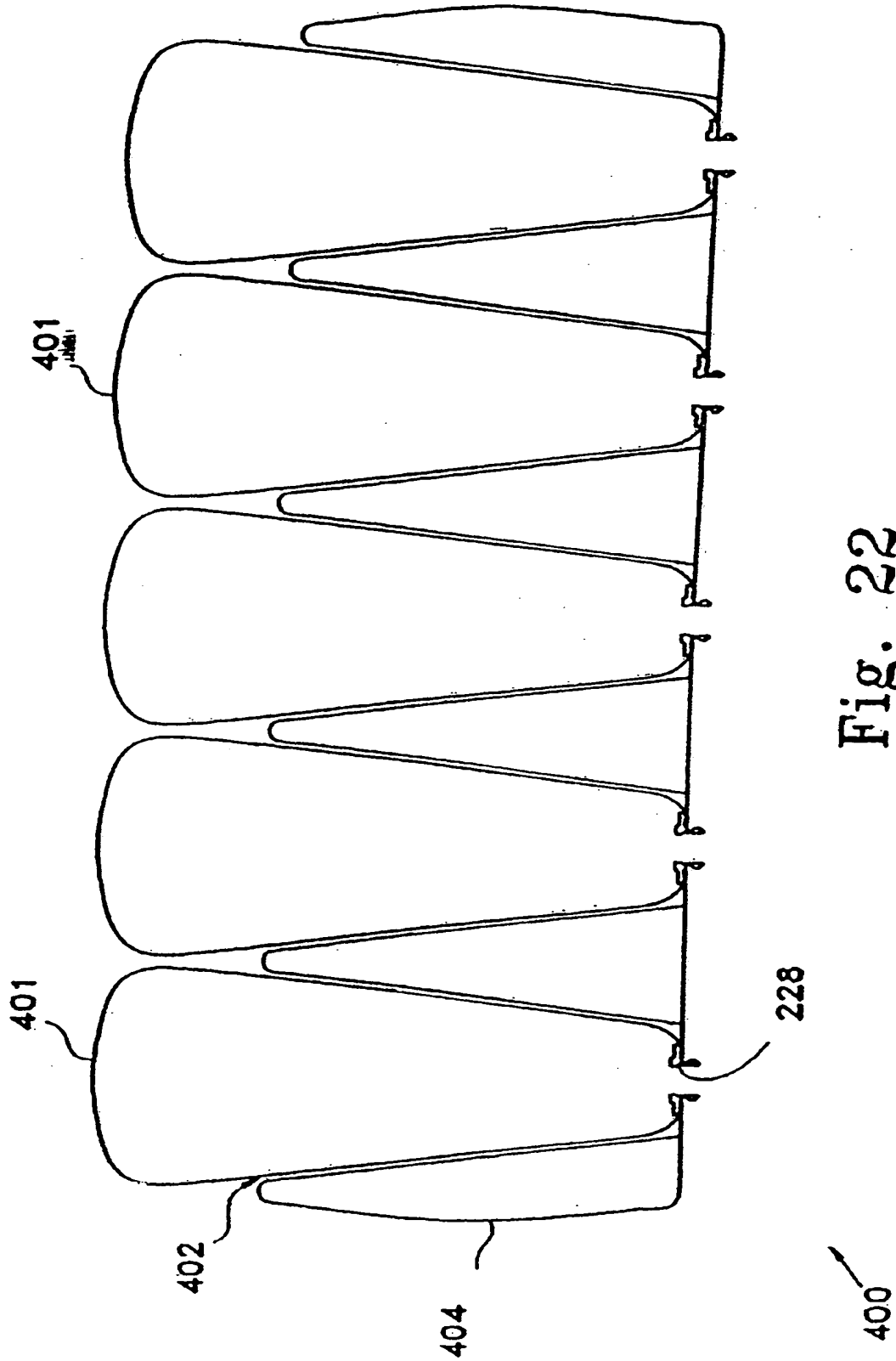


Fig. 17





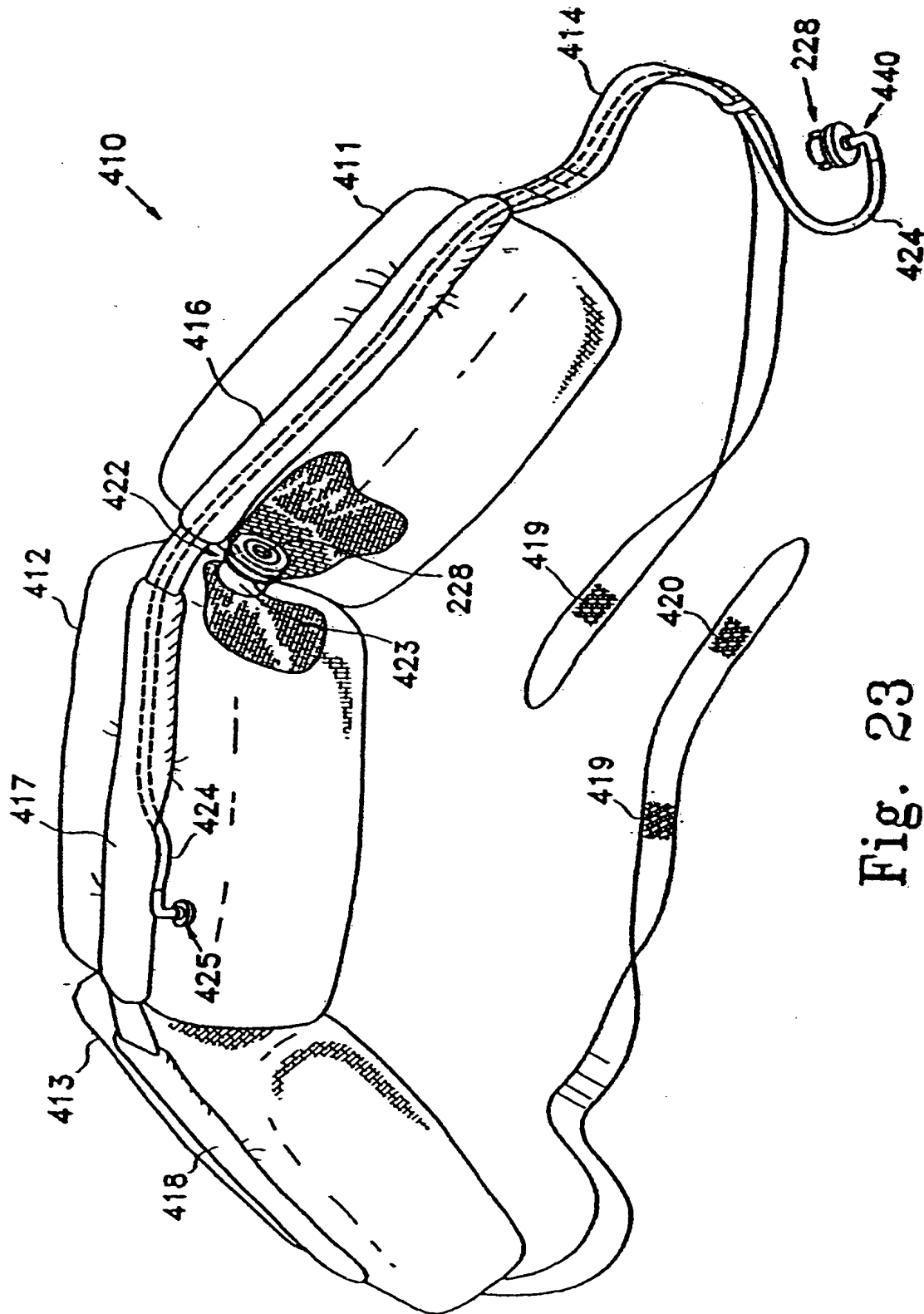


Fig. 23

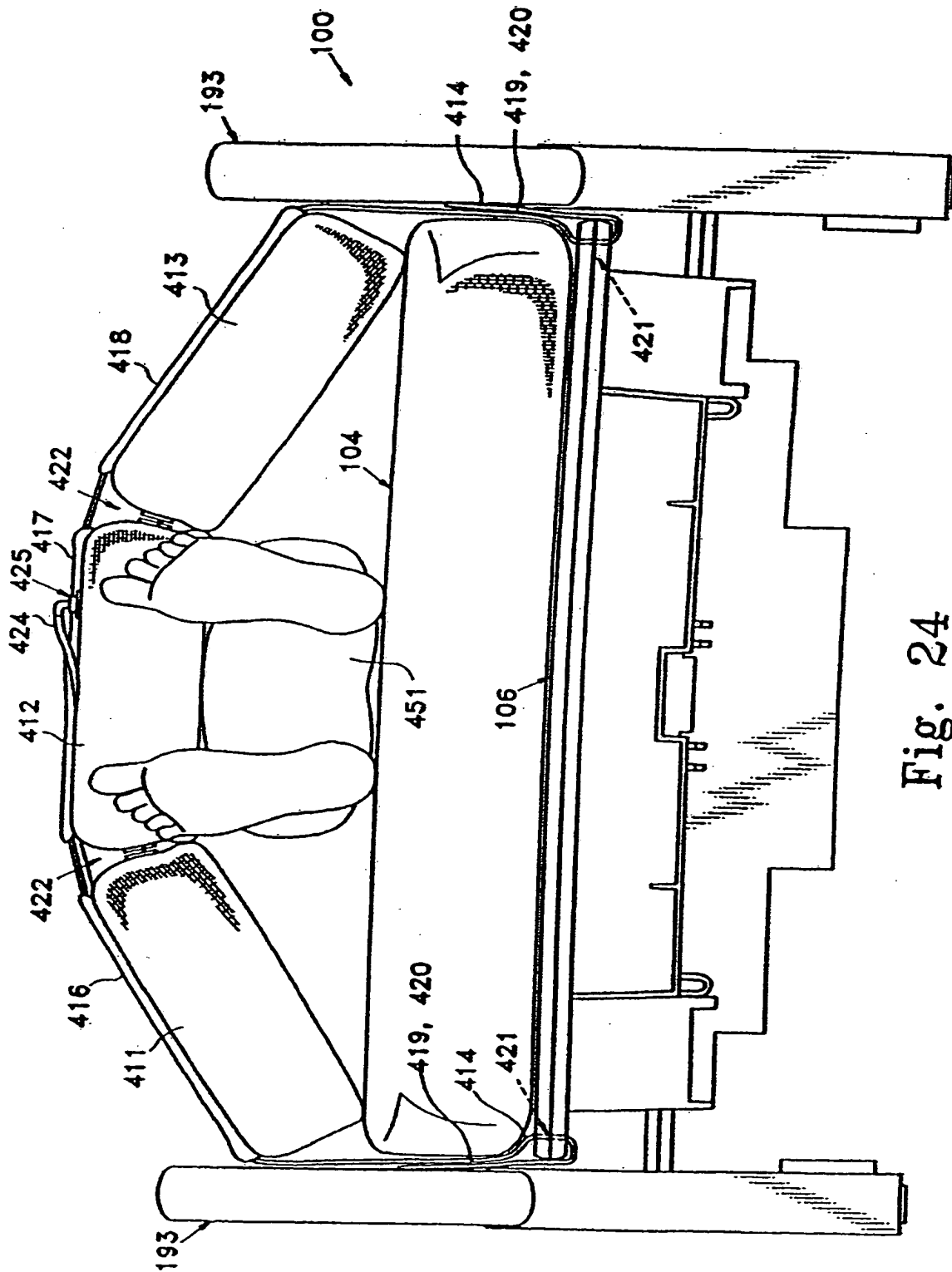
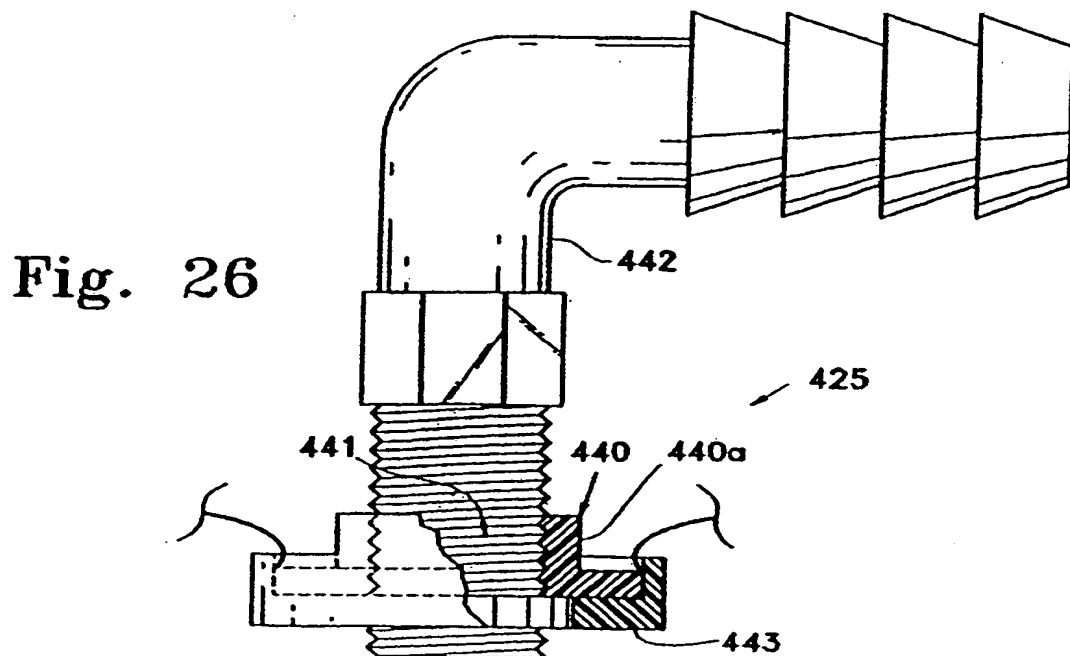
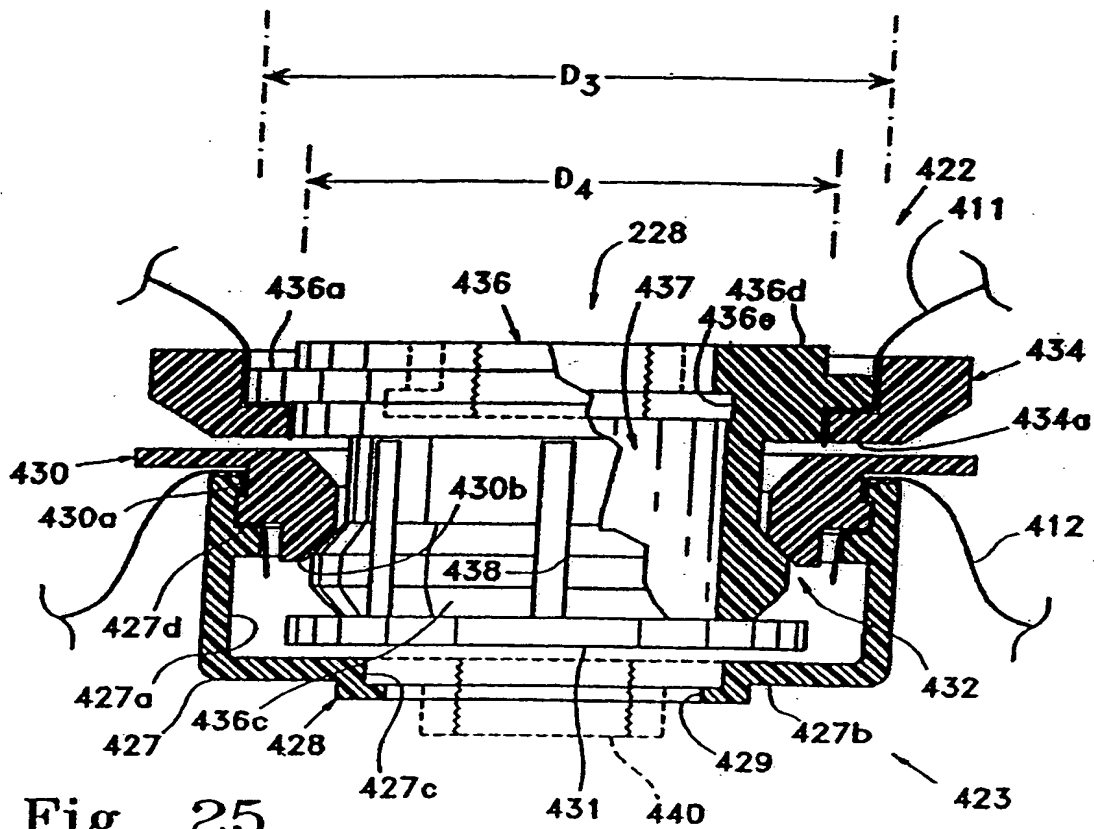


Fig. 24



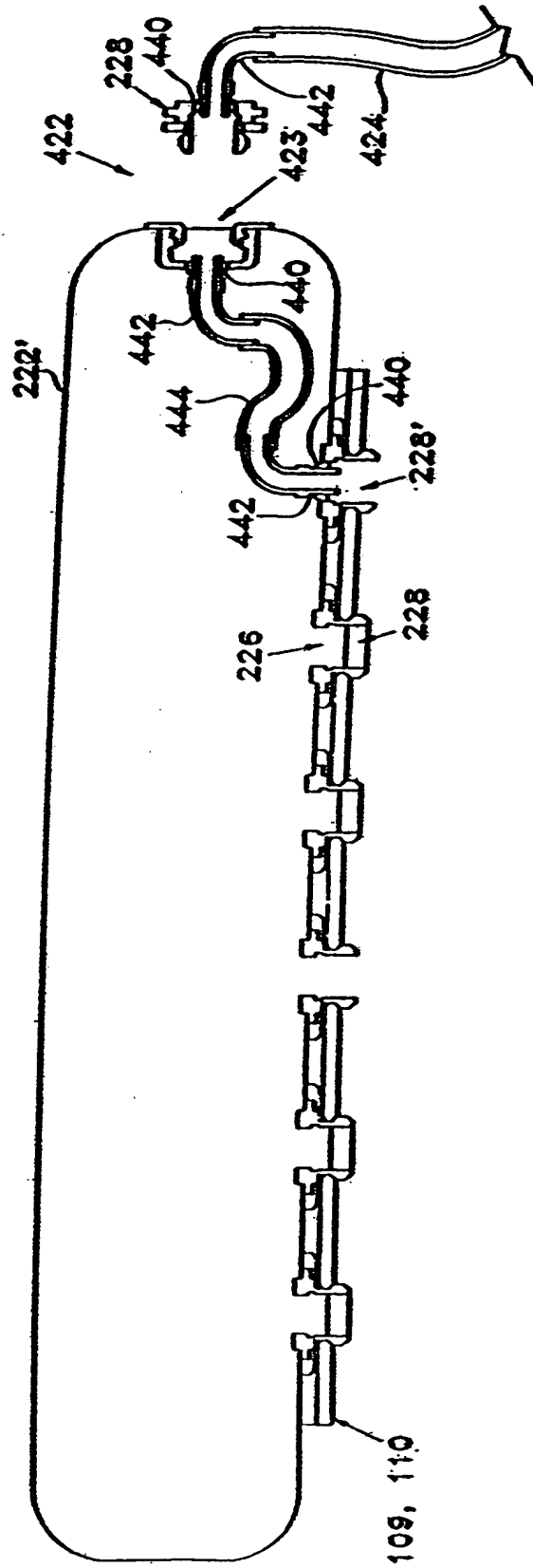
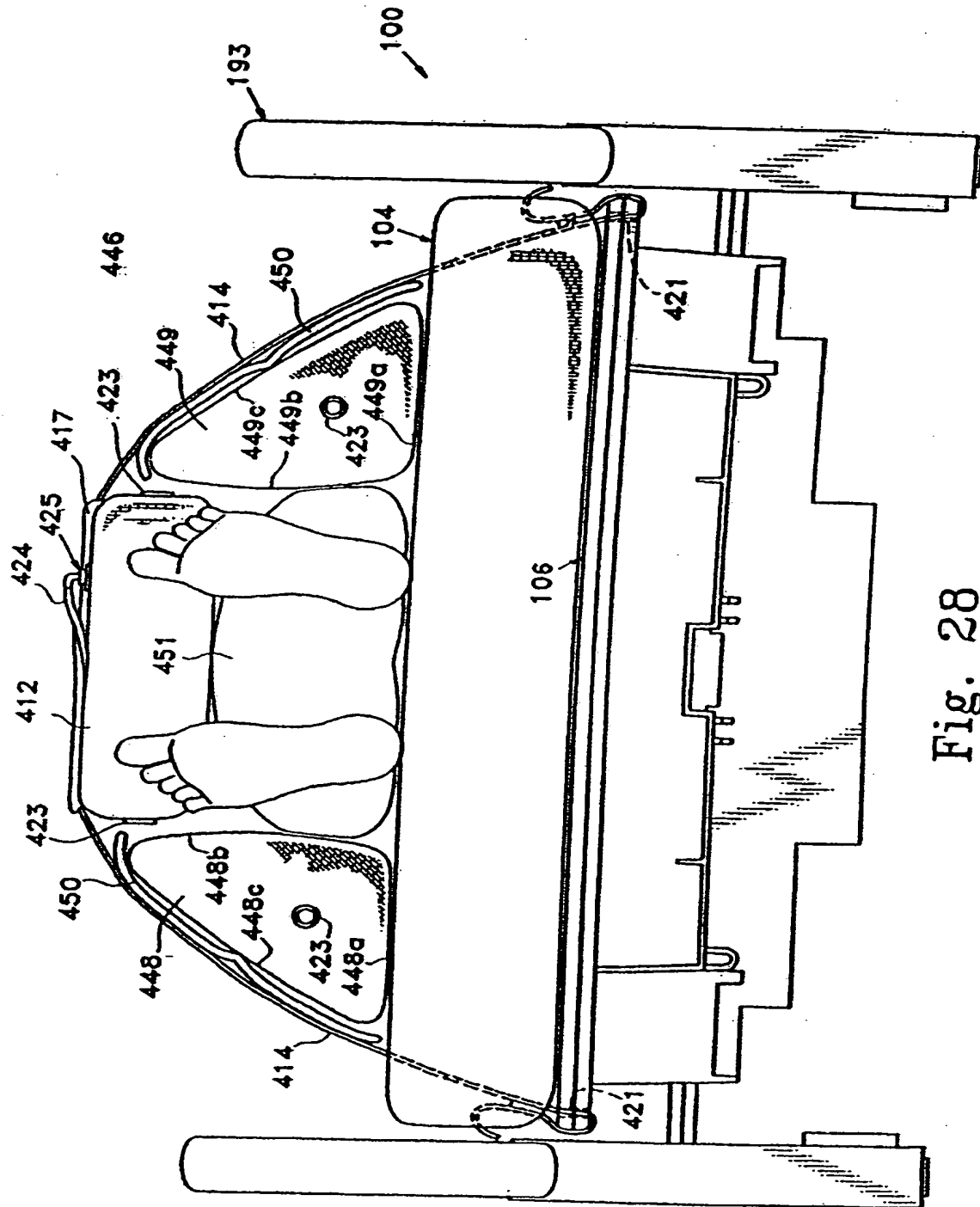


Fig. 27



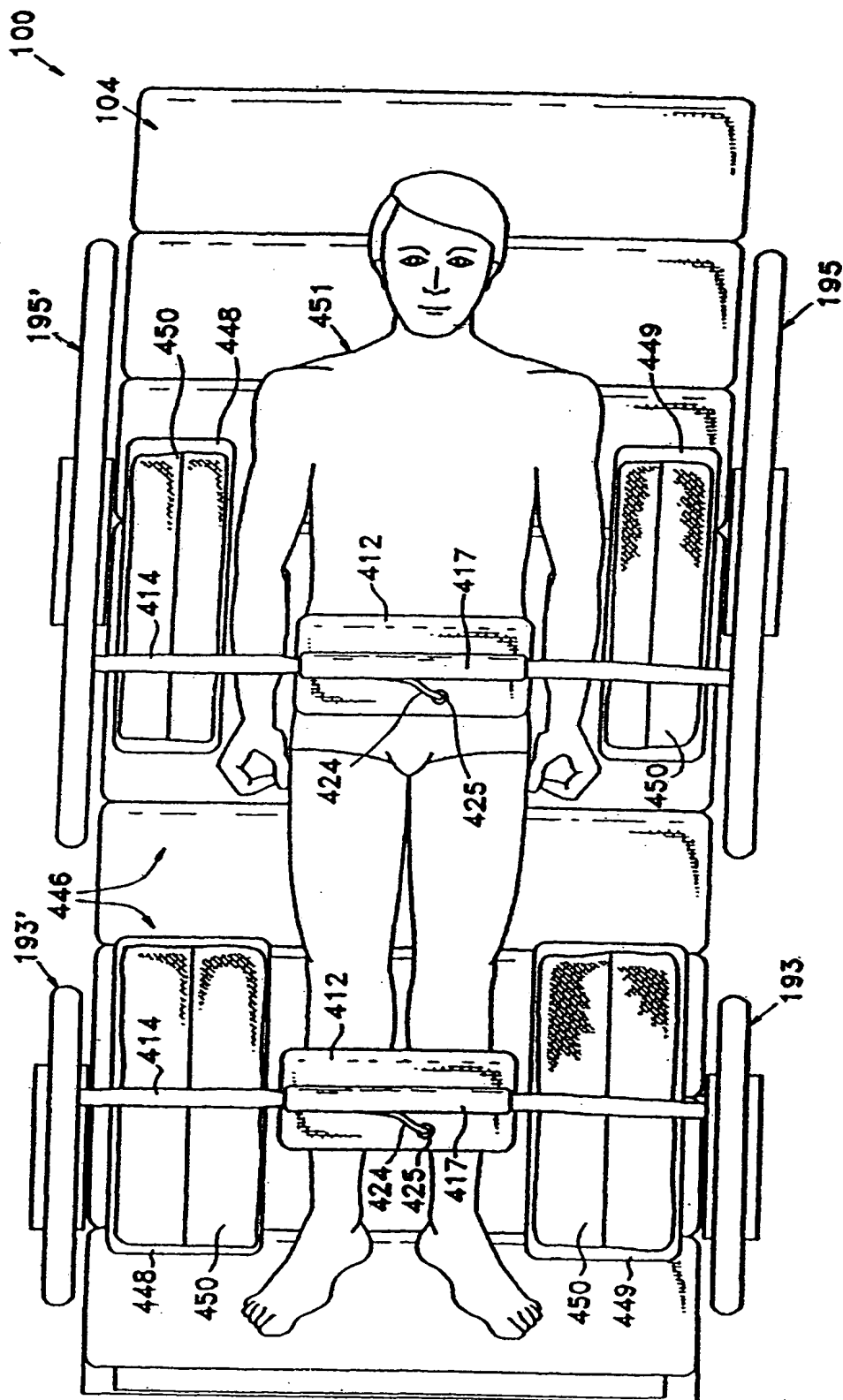


Fig. 29

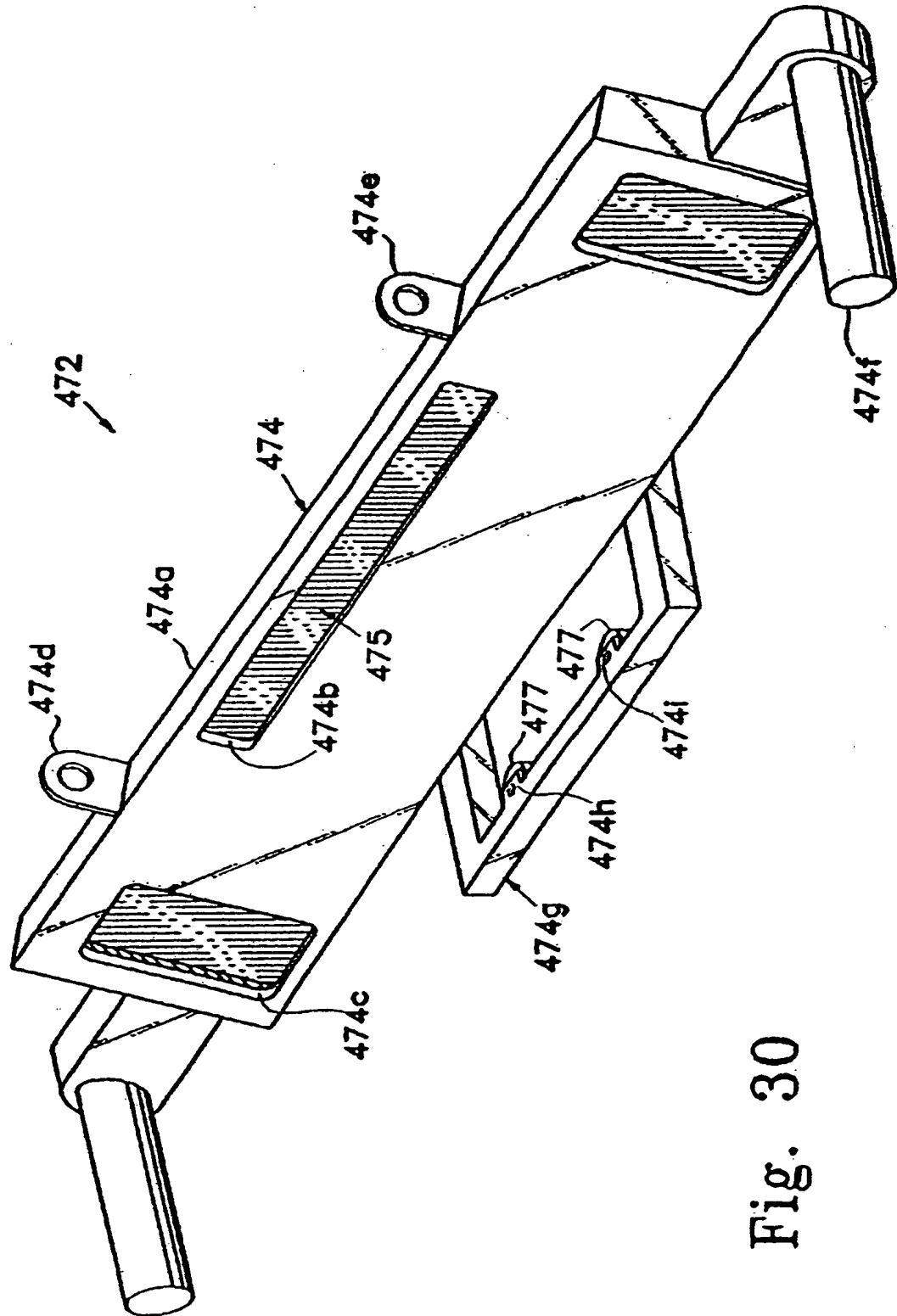


Fig. 30

Fig. 31

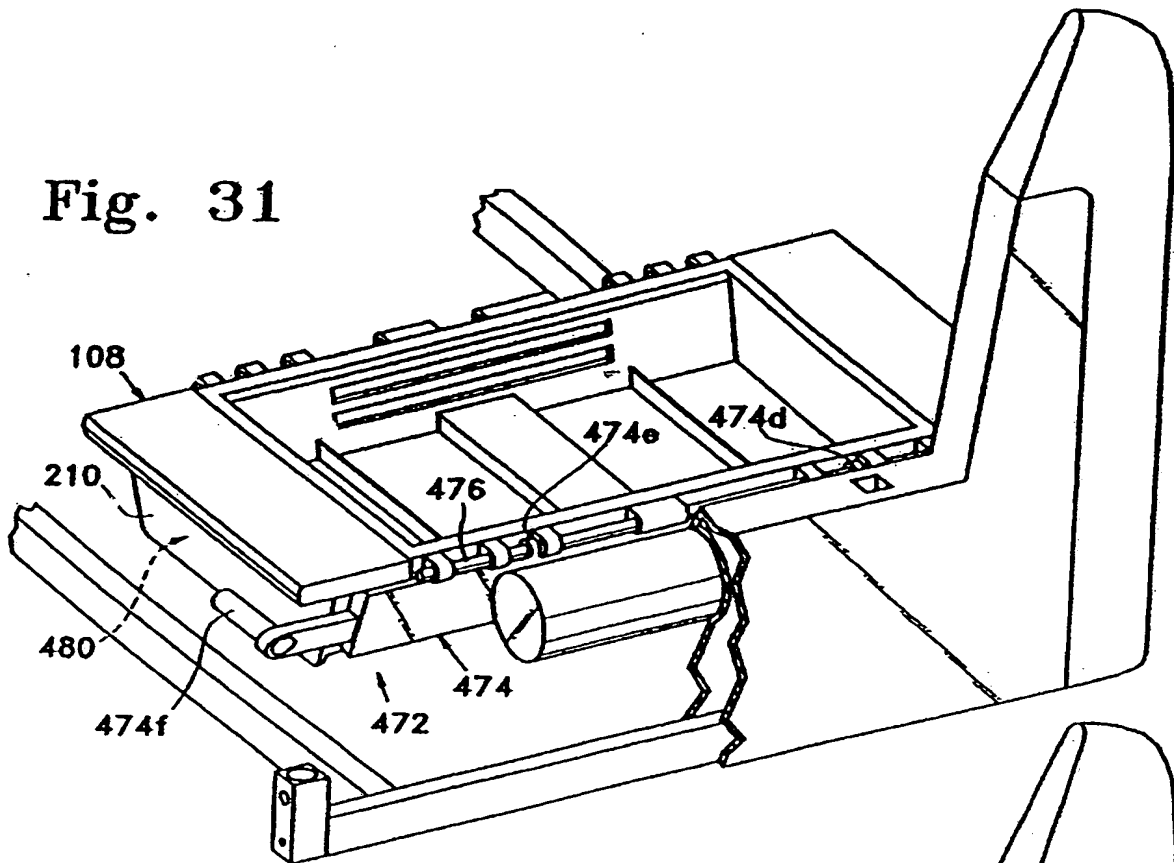
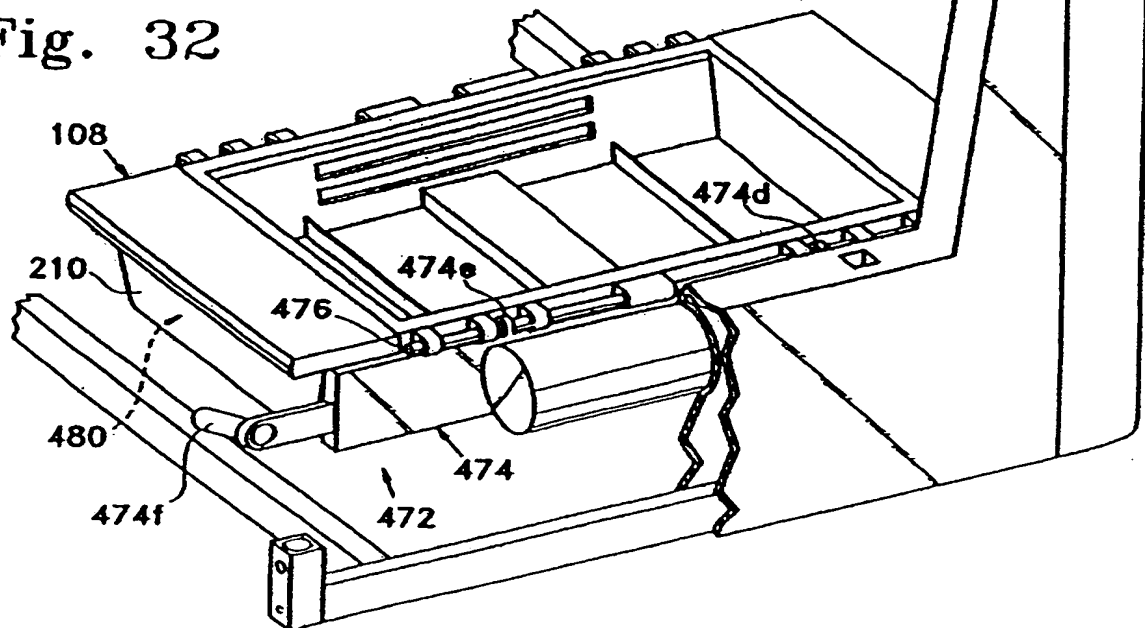


Fig. 32



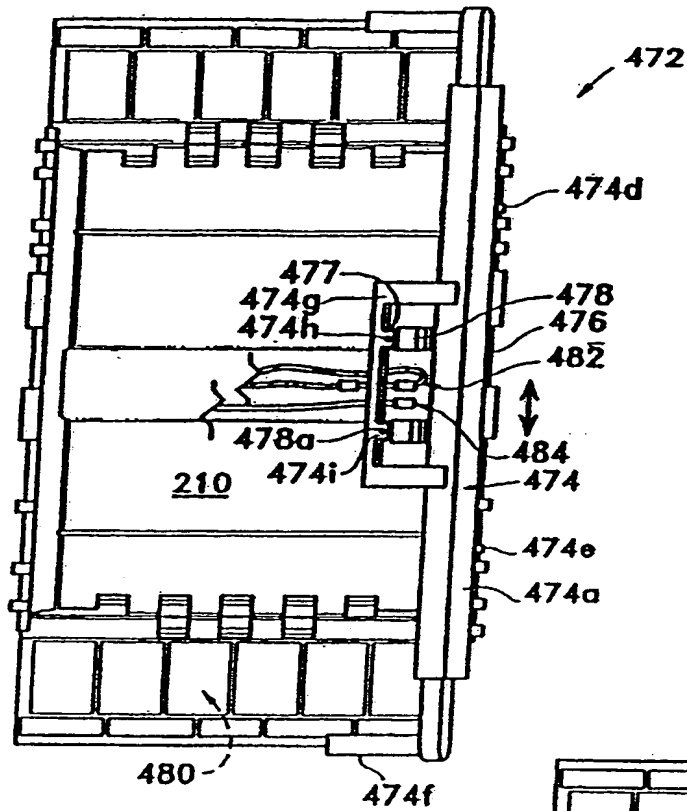
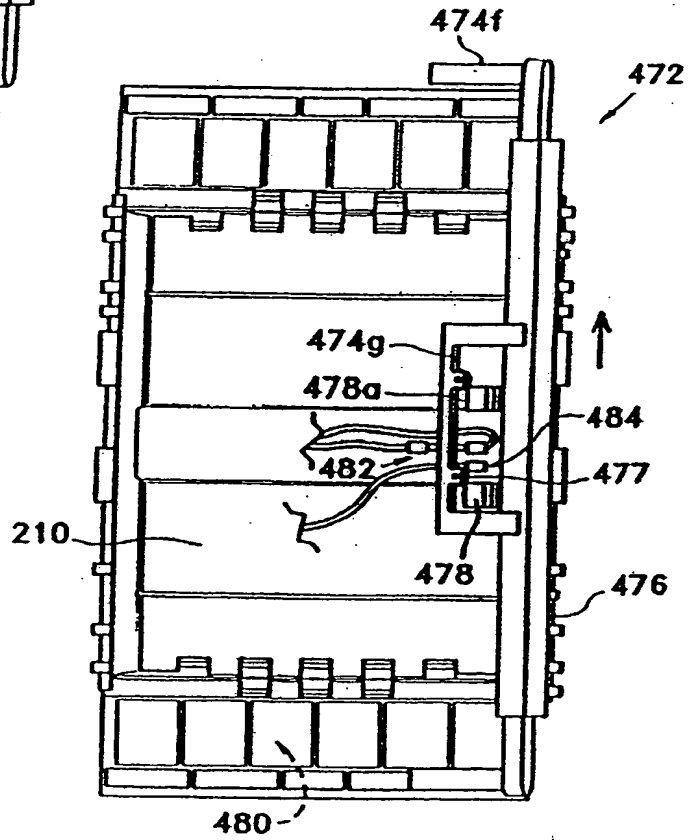


Fig. 33

Fig. 34



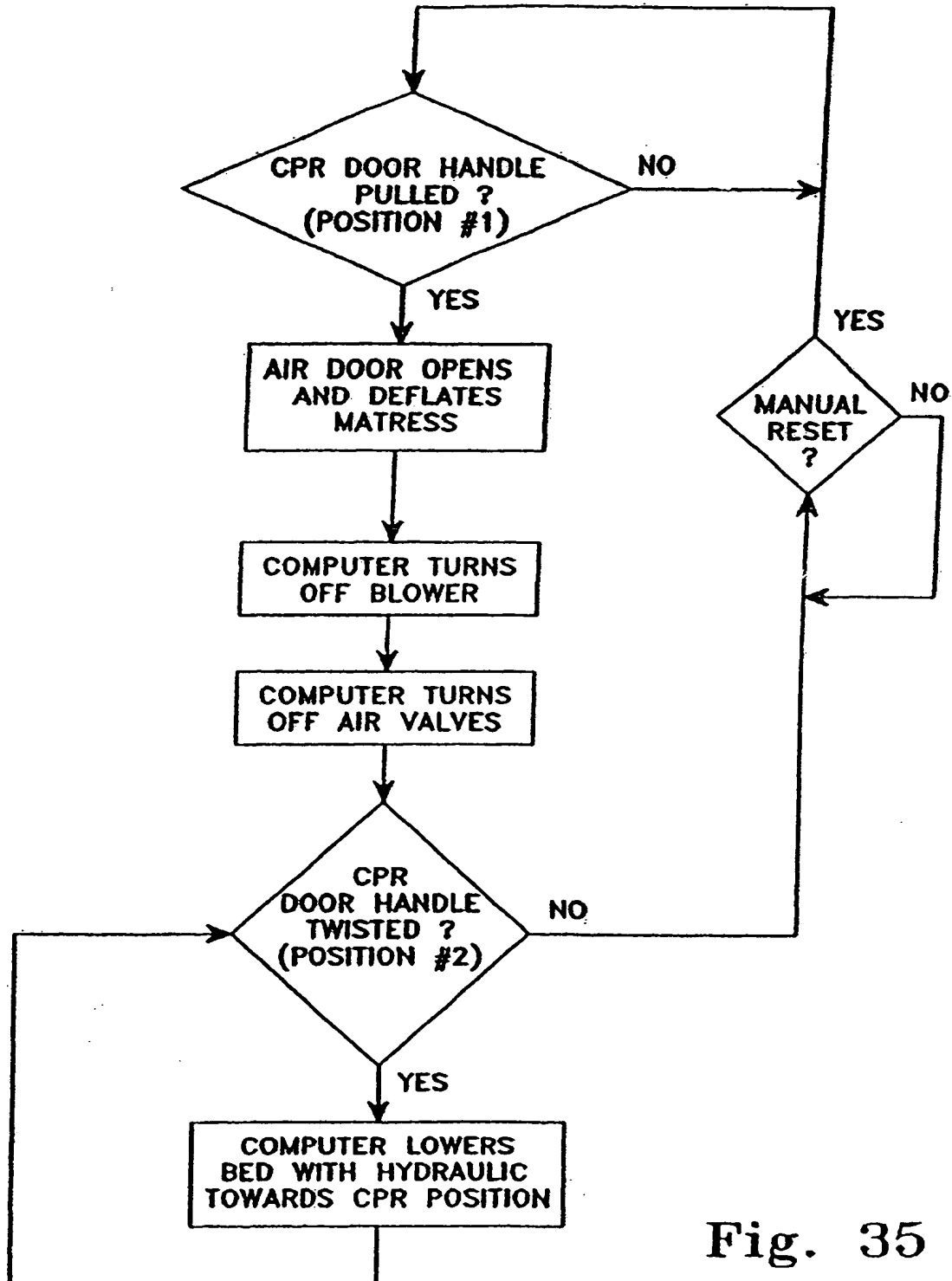
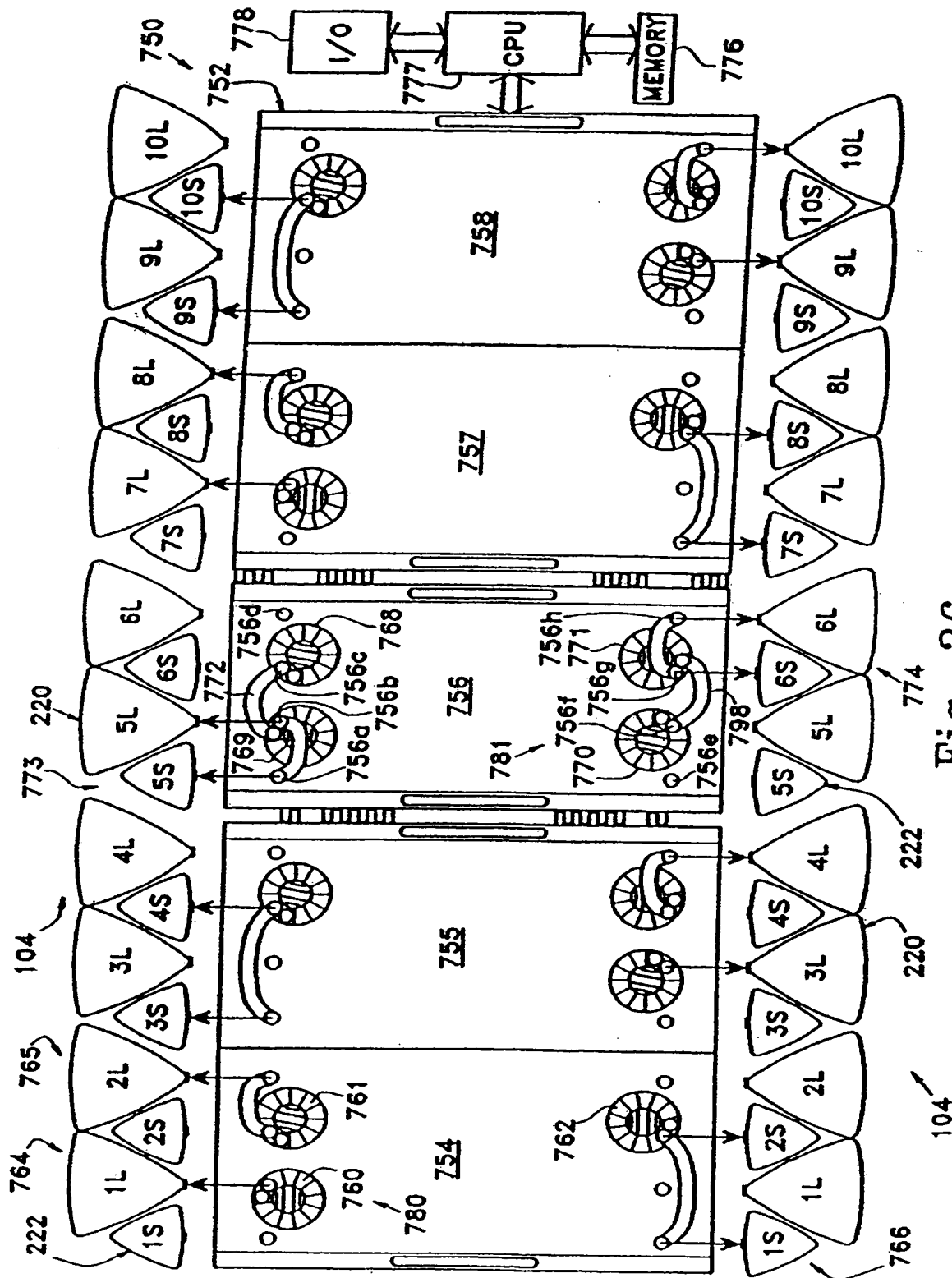


Fig. 35



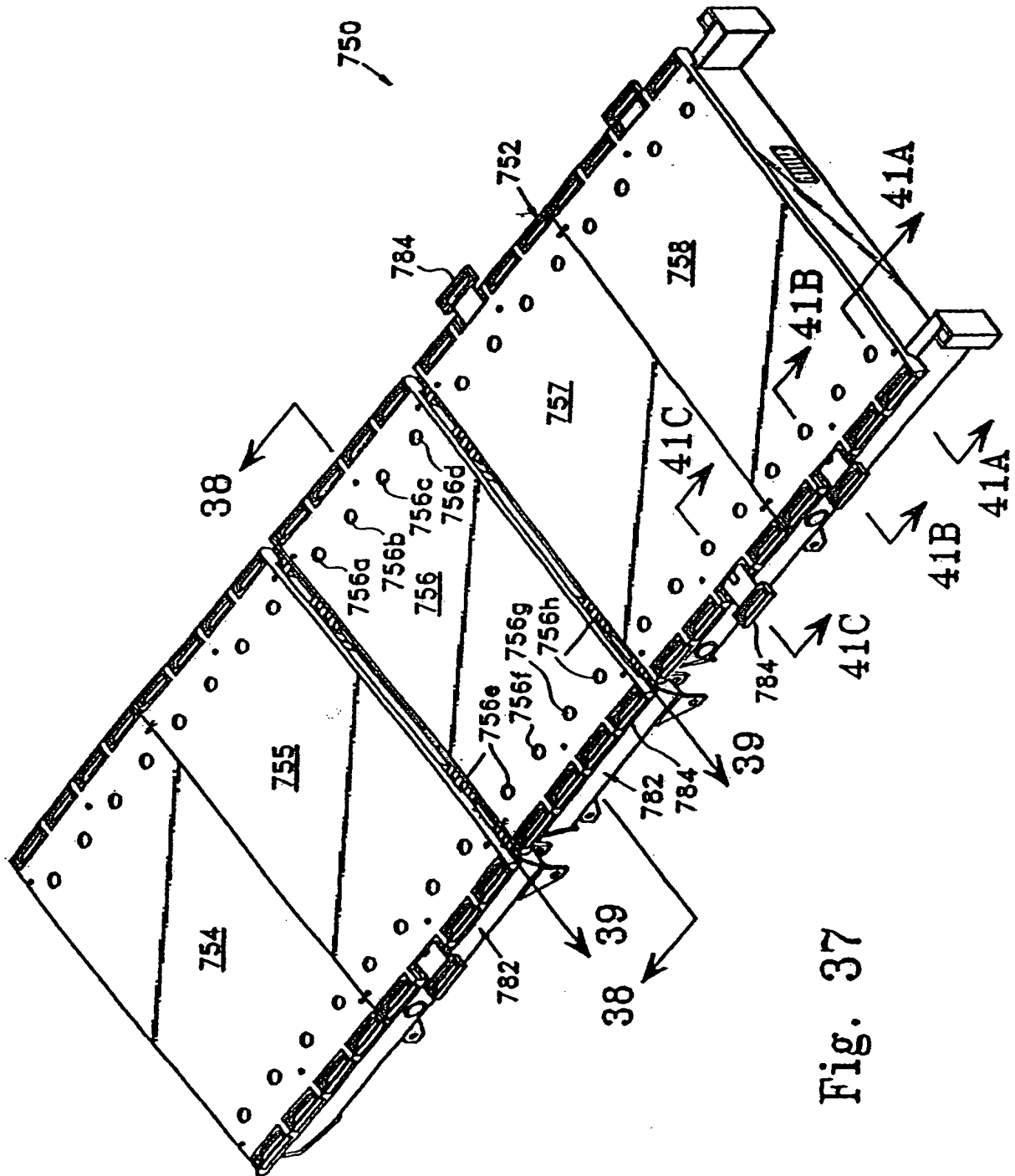


Fig. 37

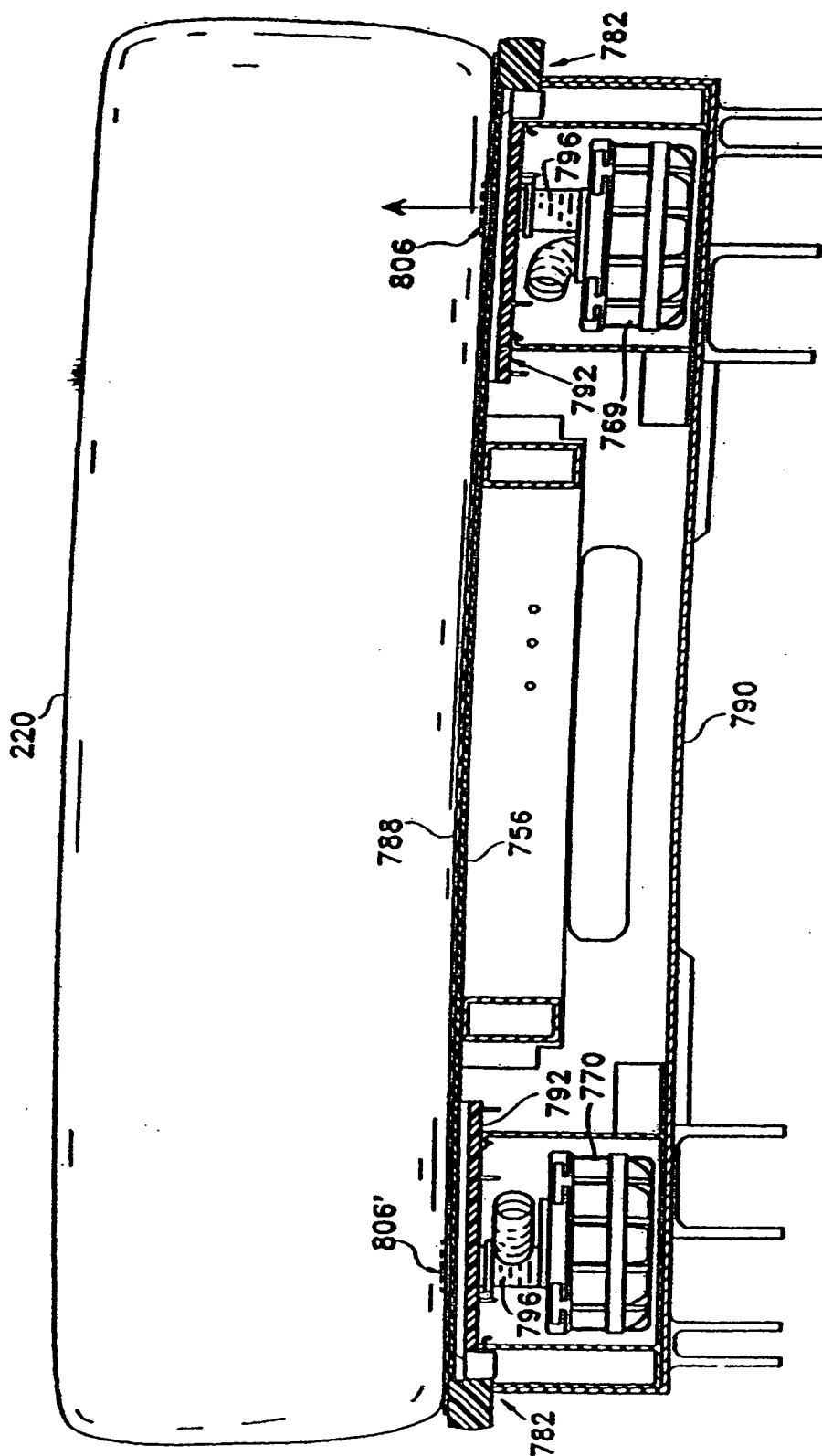


Fig. 38

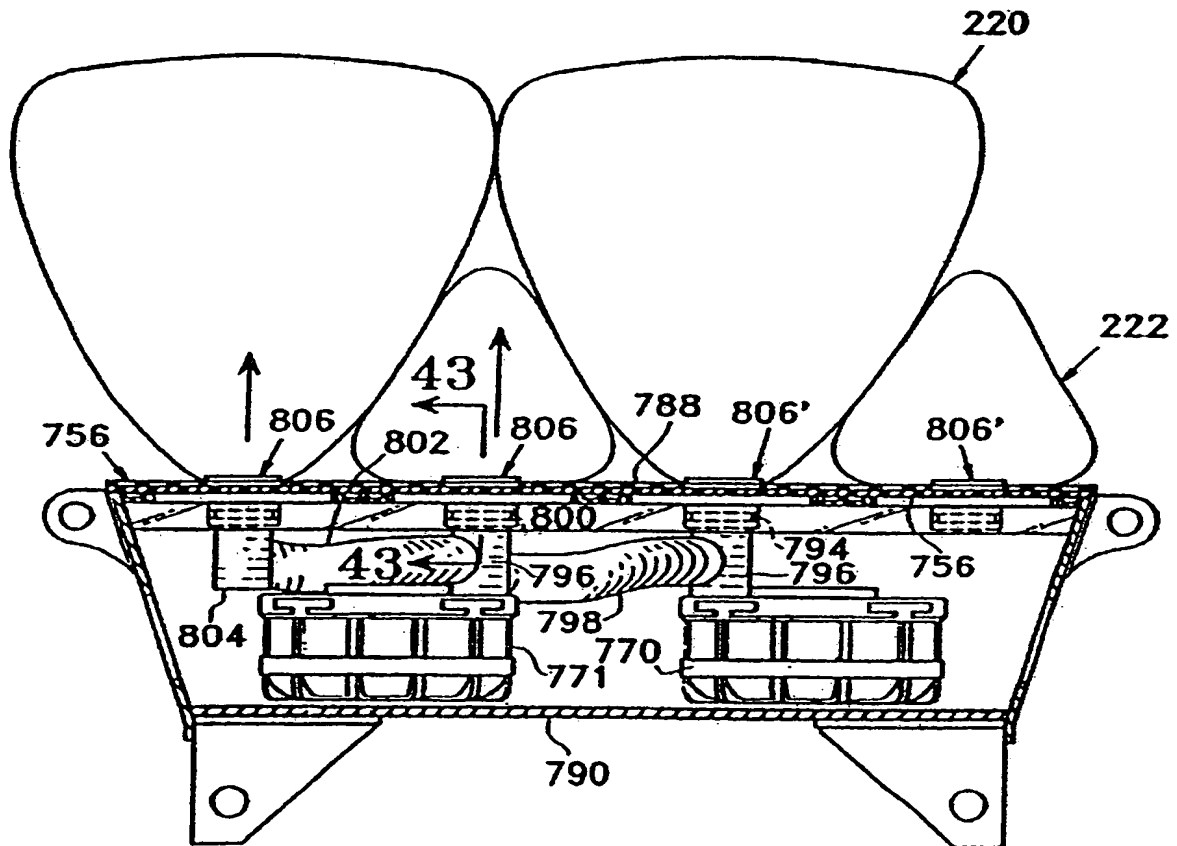
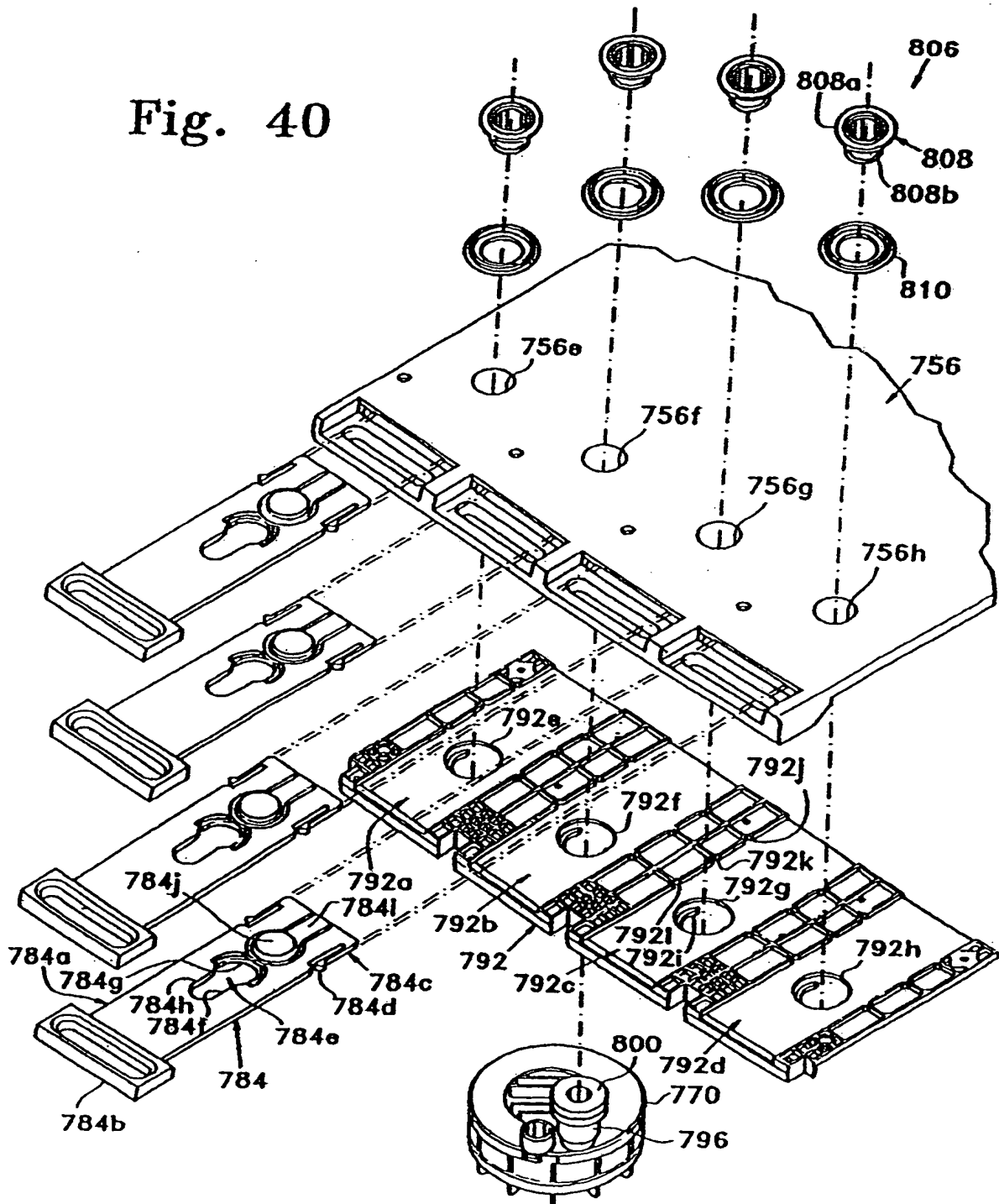


Fig. 39

Fig. 40



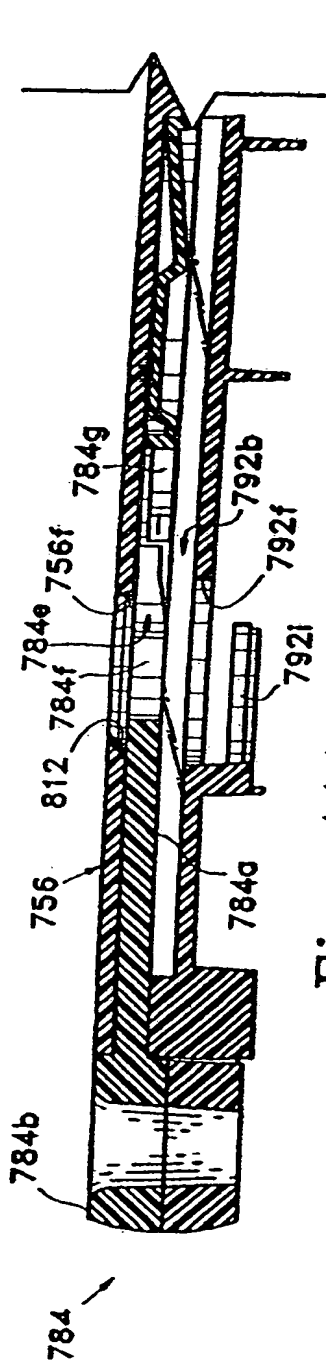


Fig. 41A

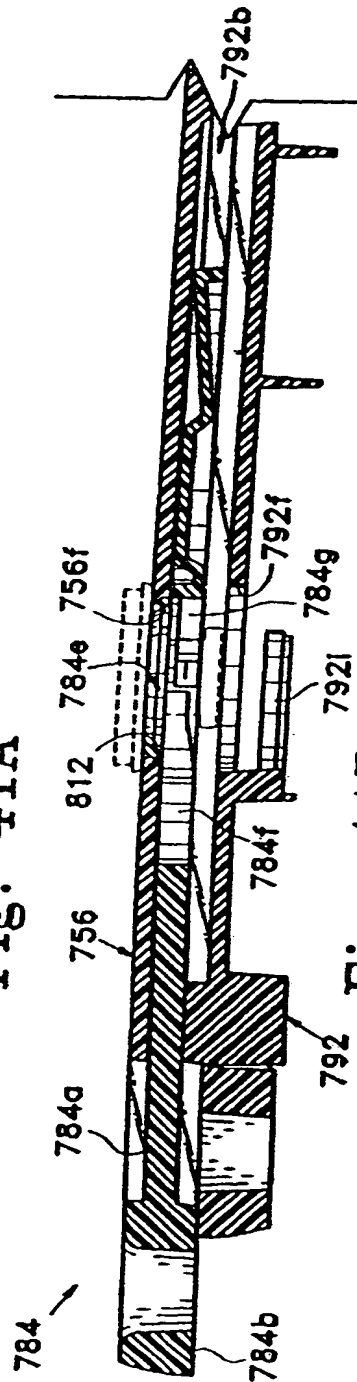


Fig. 41B

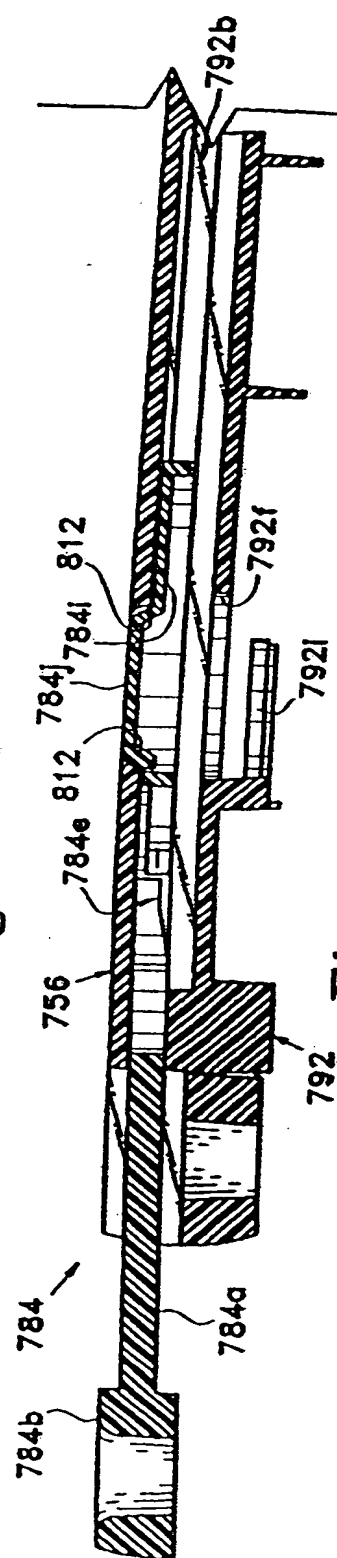
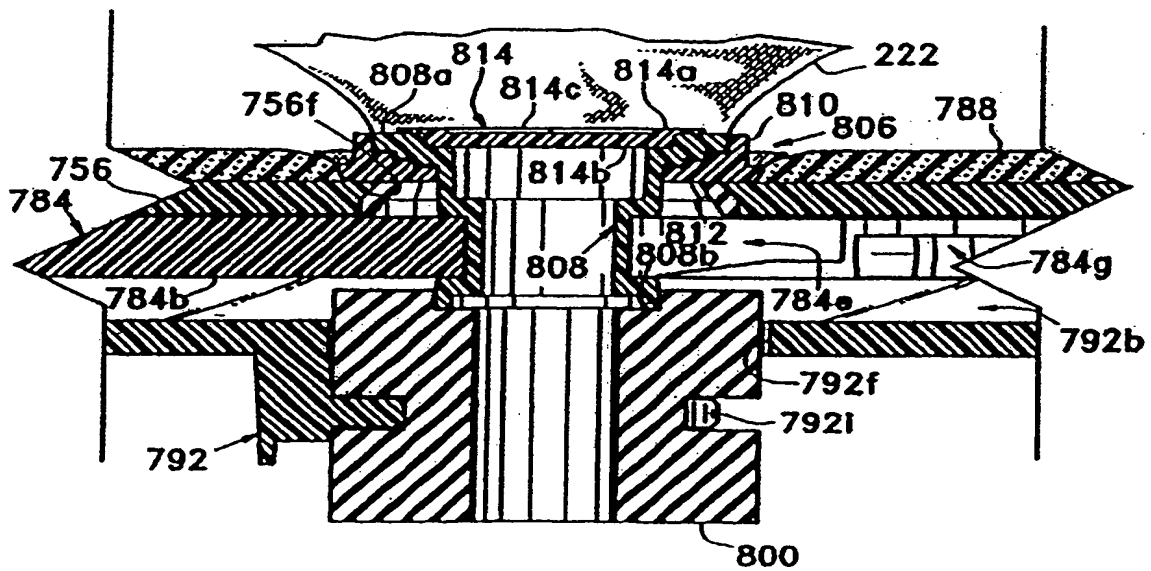
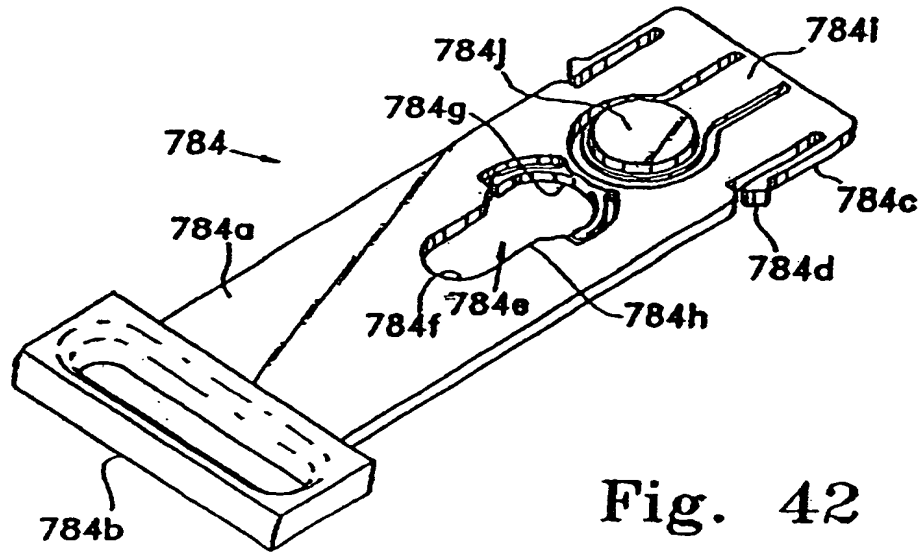


Fig. 41C



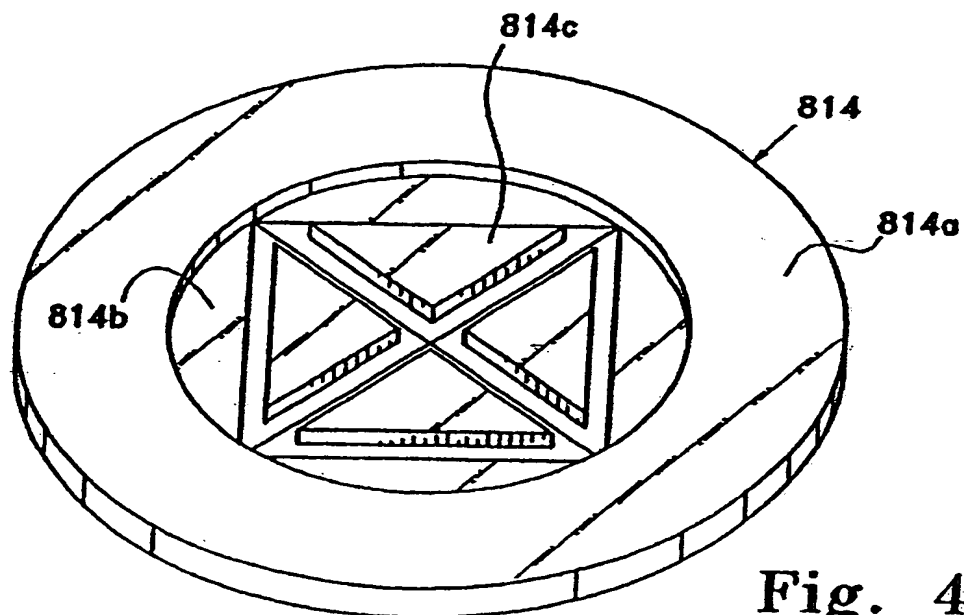


Fig. 44A

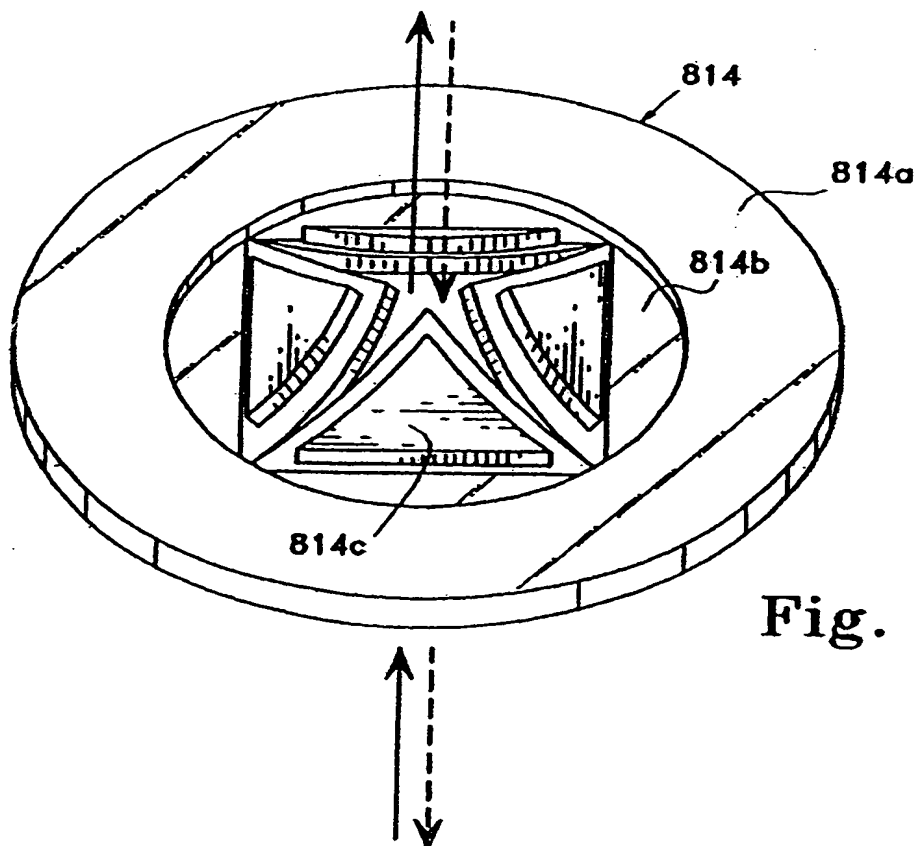


Fig. 44B

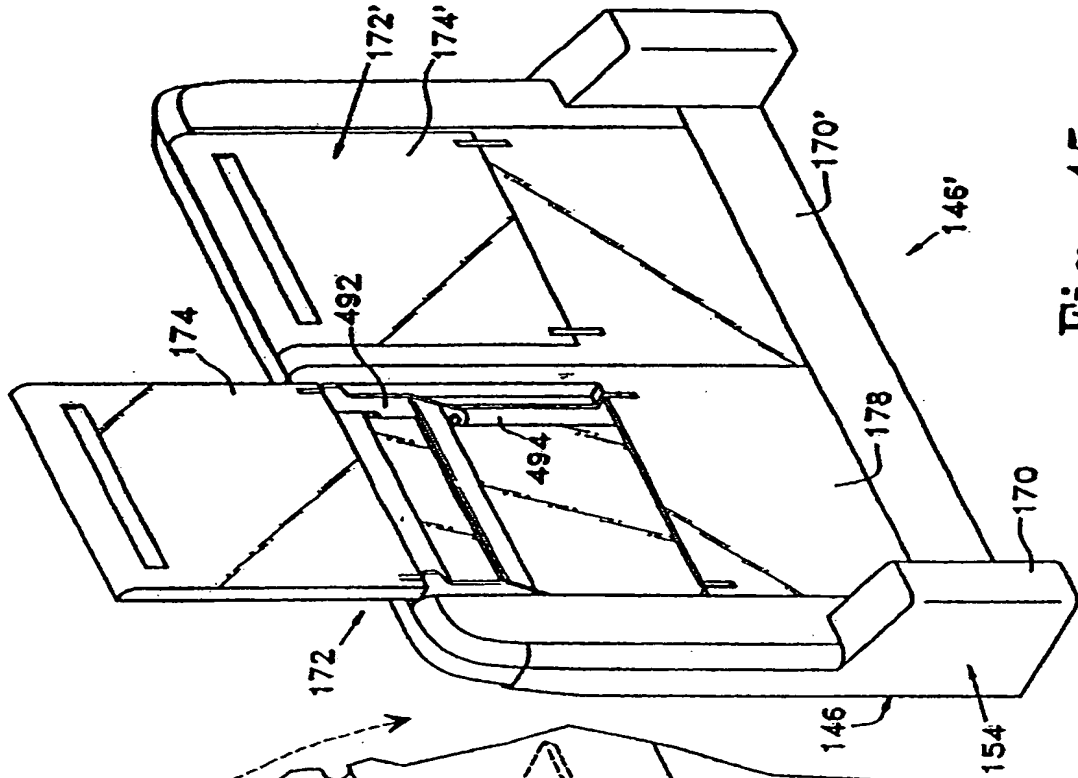


Fig. 45

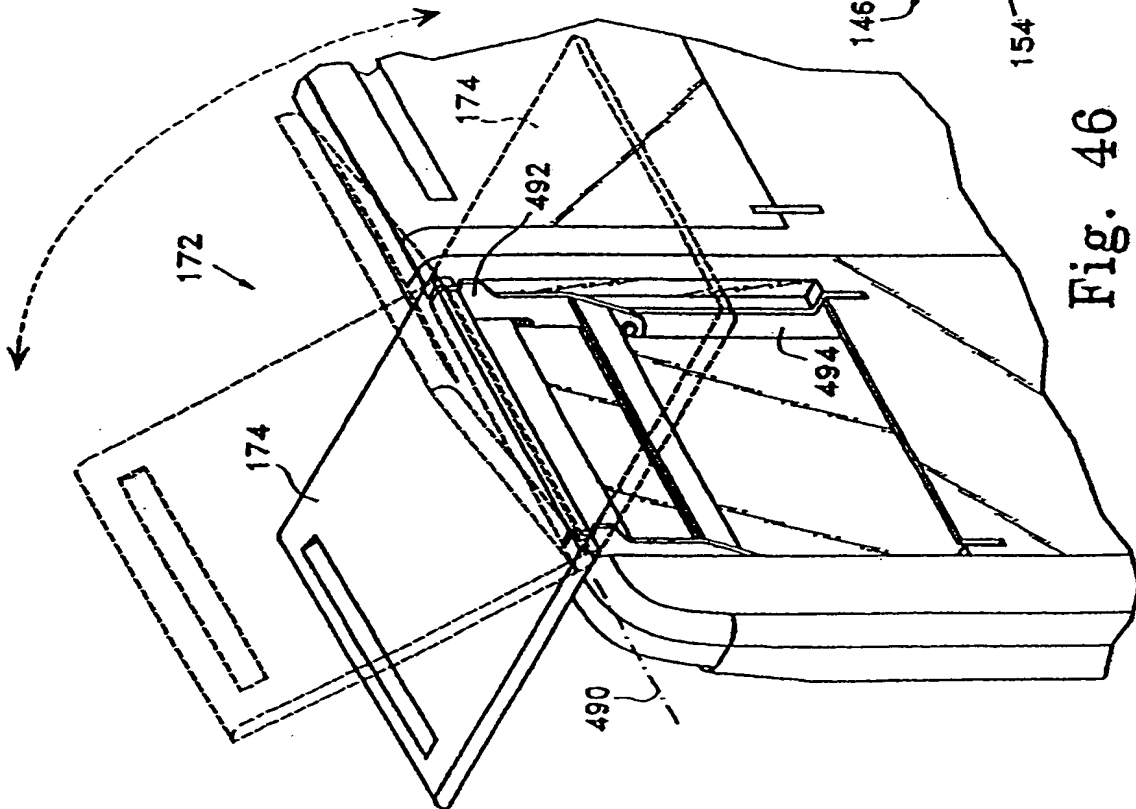
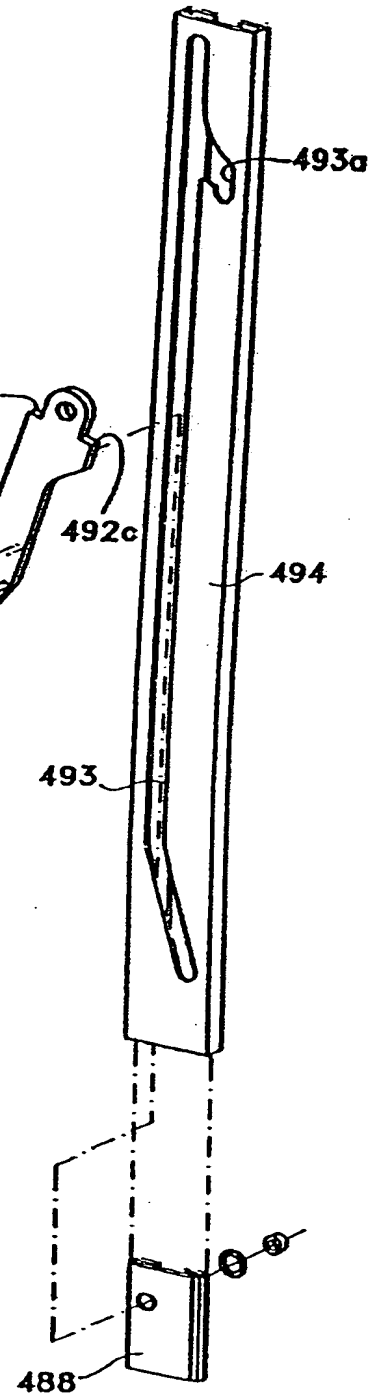
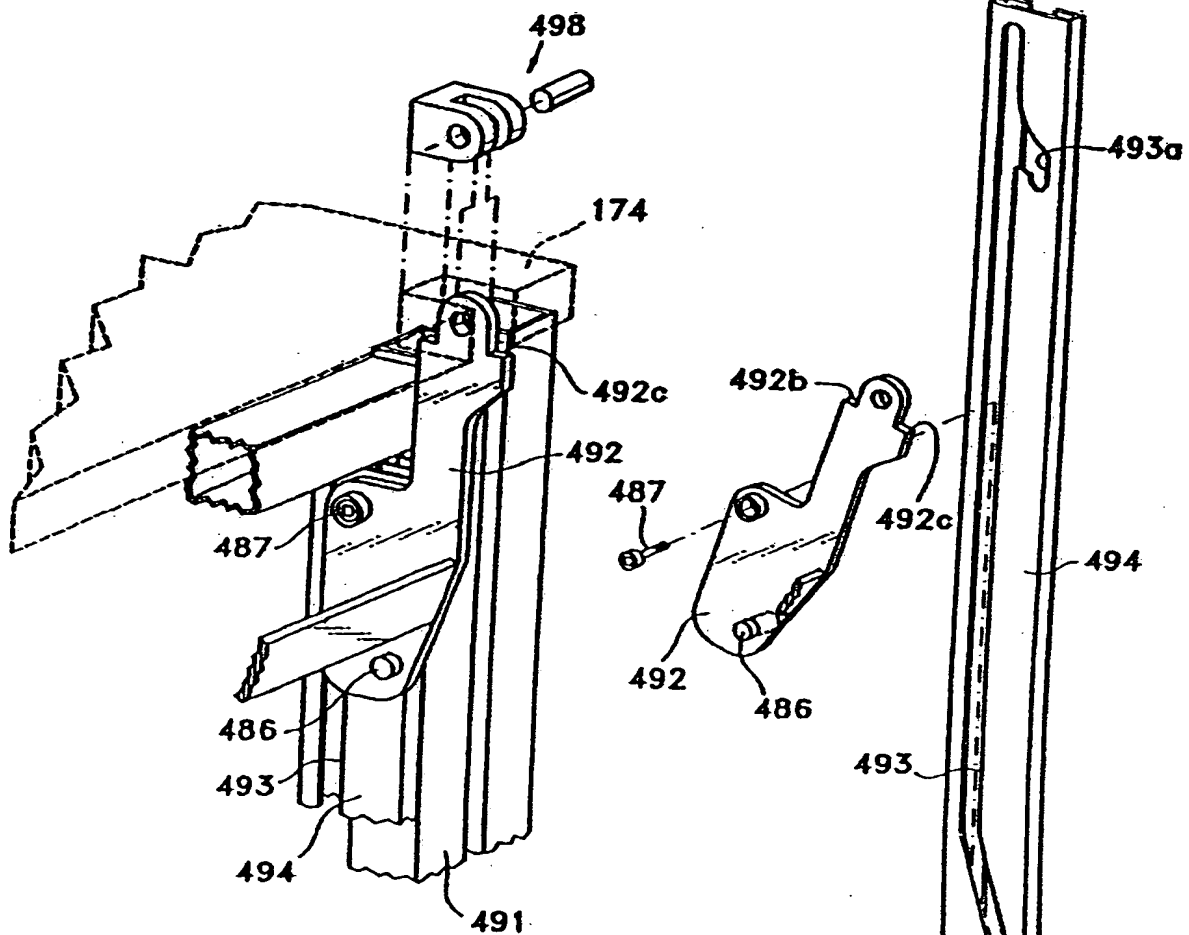
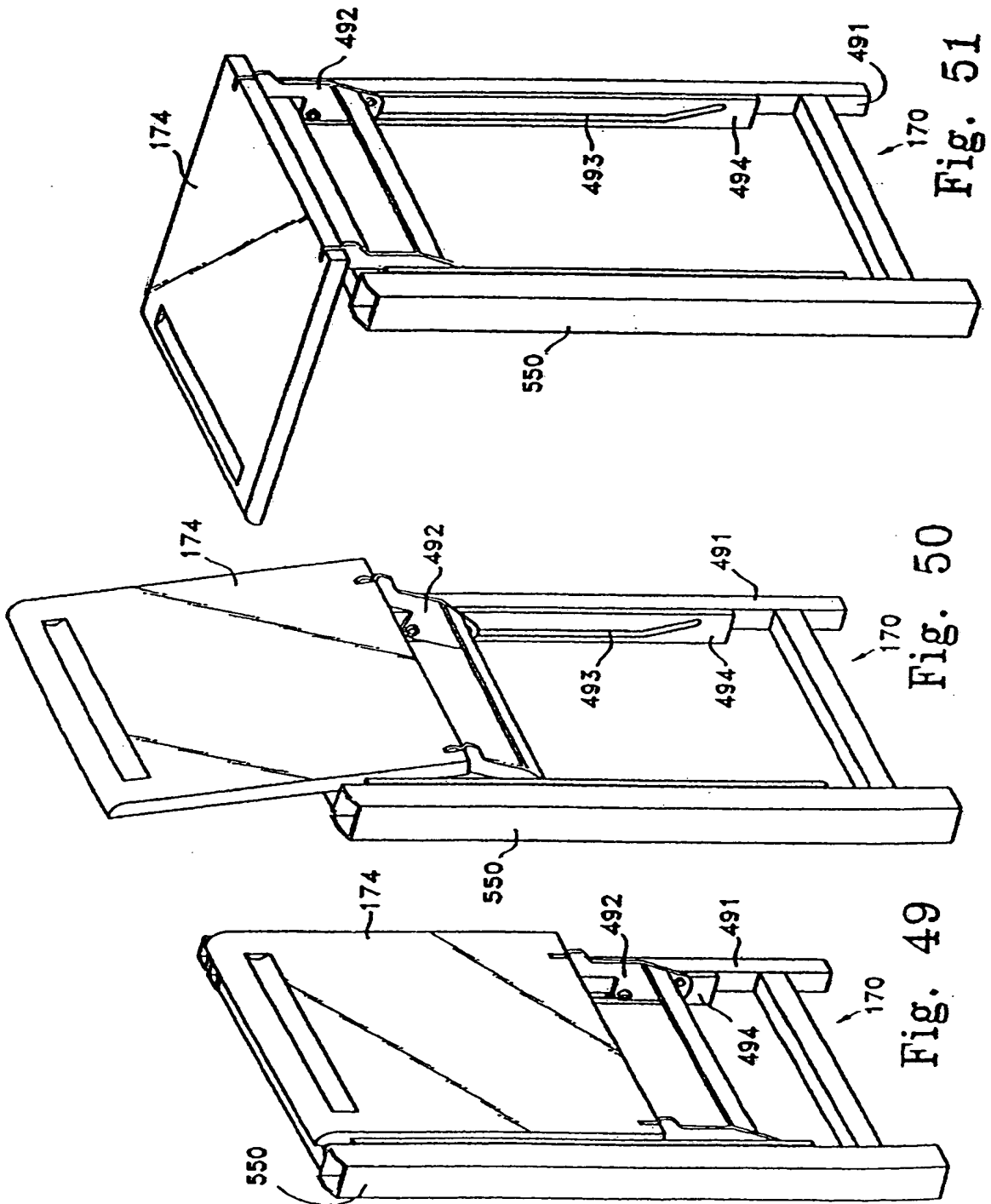
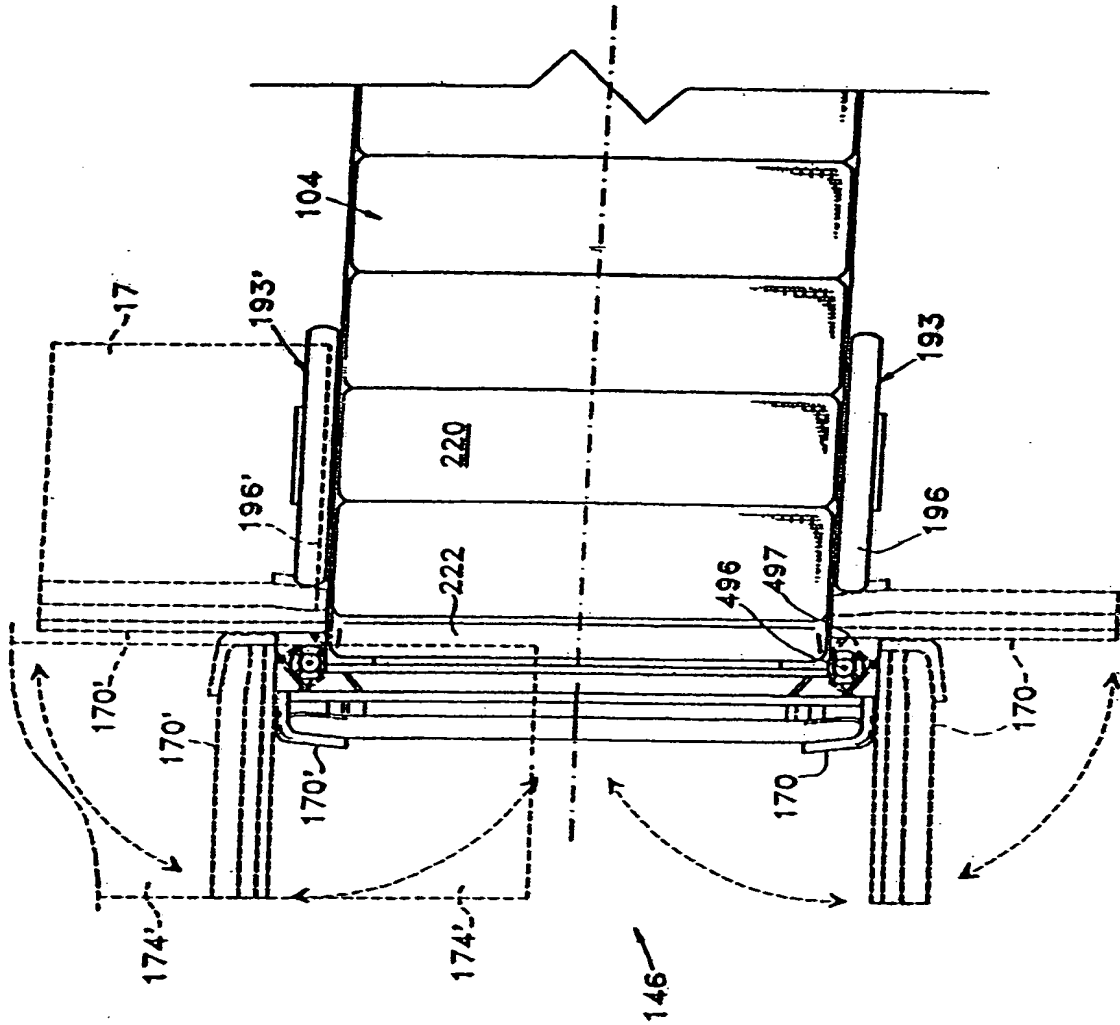


Fig. 46







Fi. 52

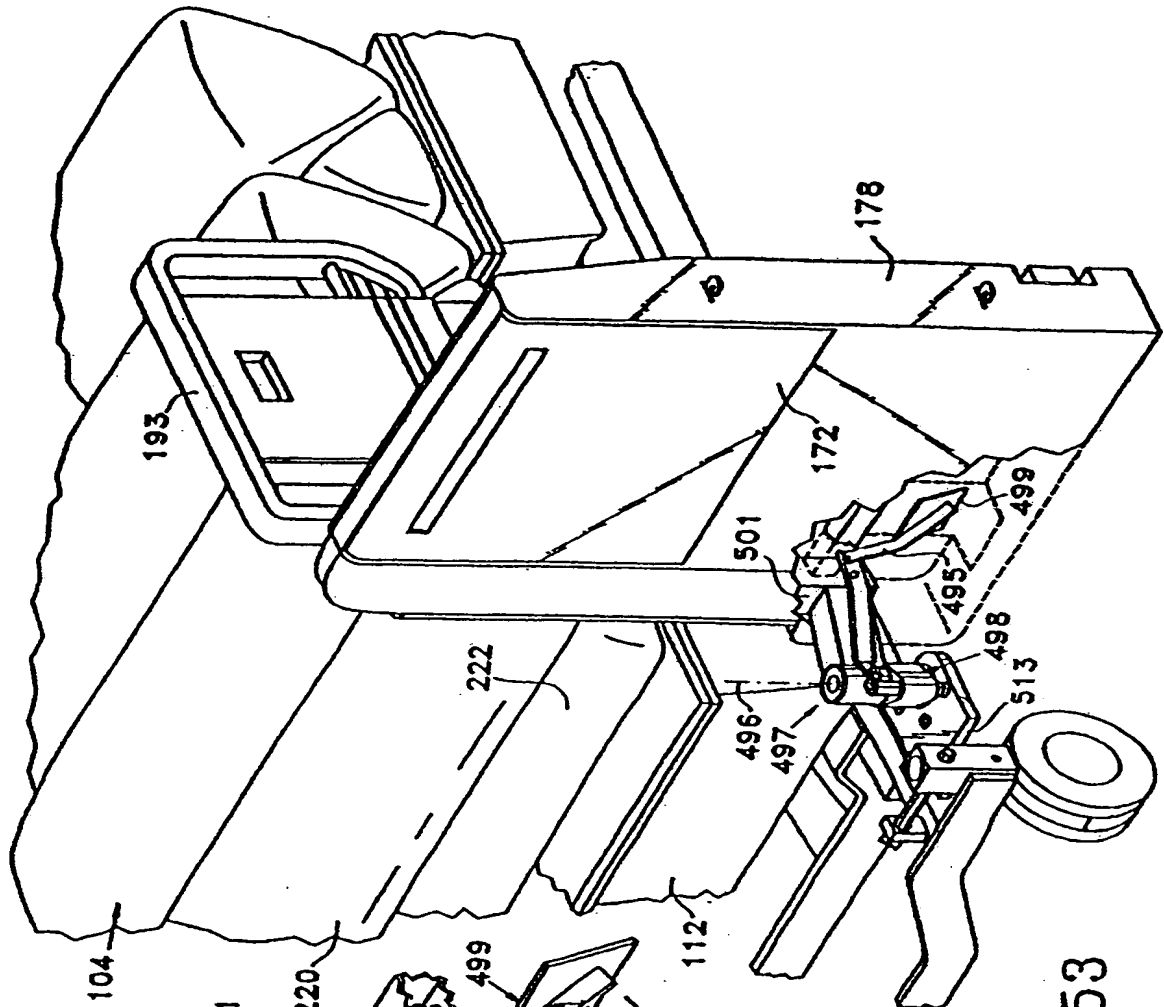


Fig. 53

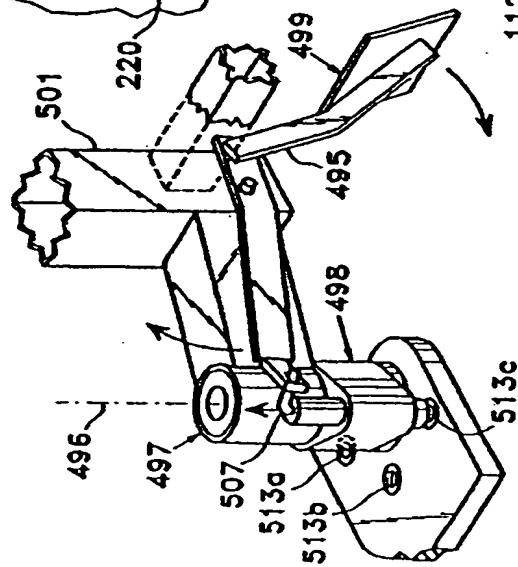


Fig. 54

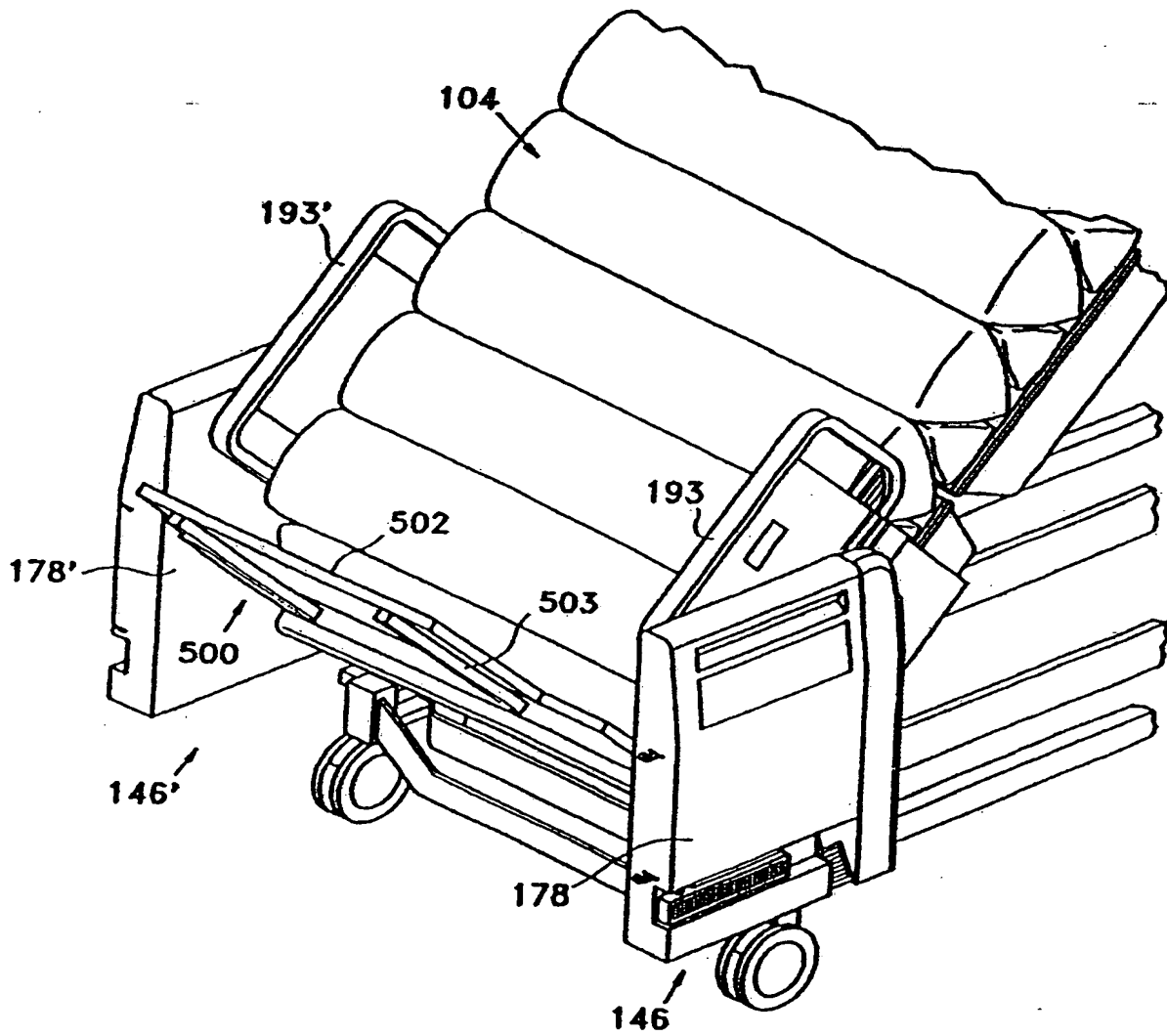


Fig. 55

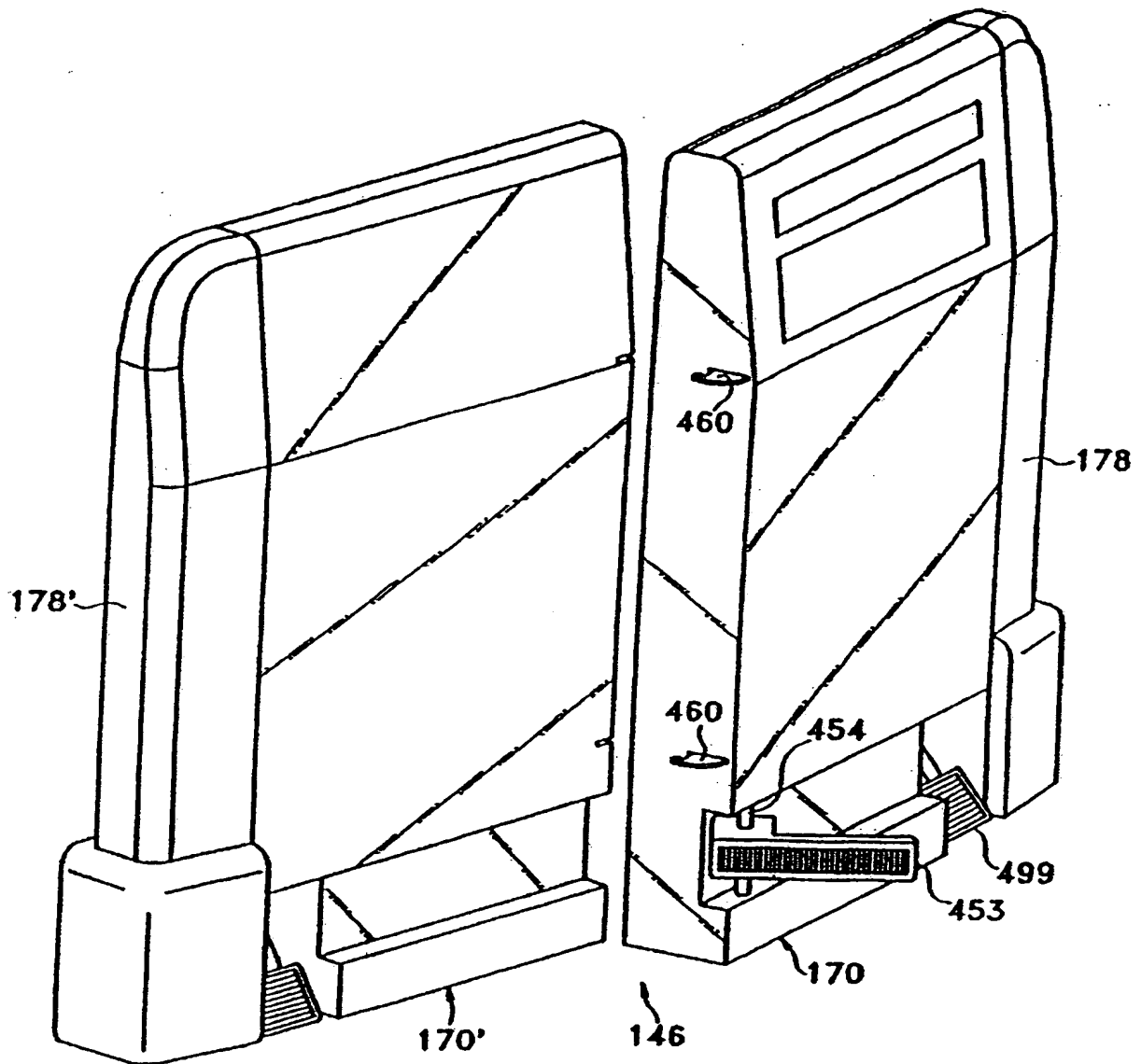


Fig. 56

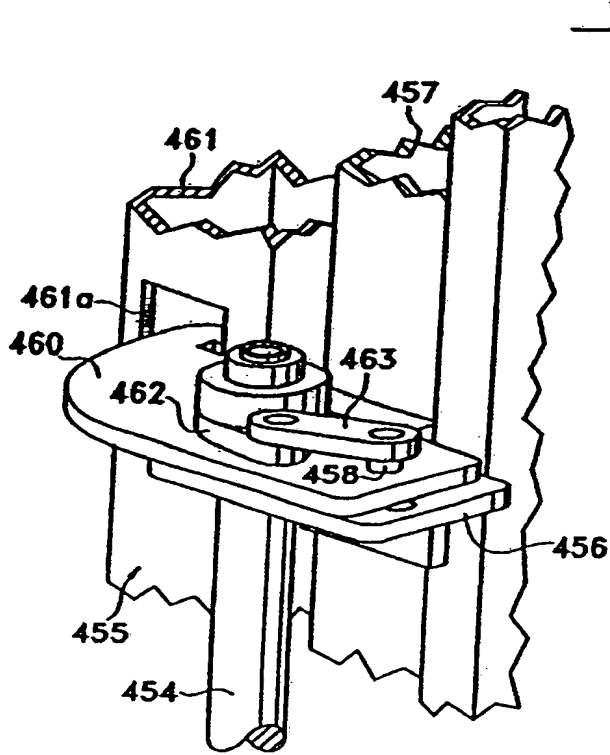


Fig. 58

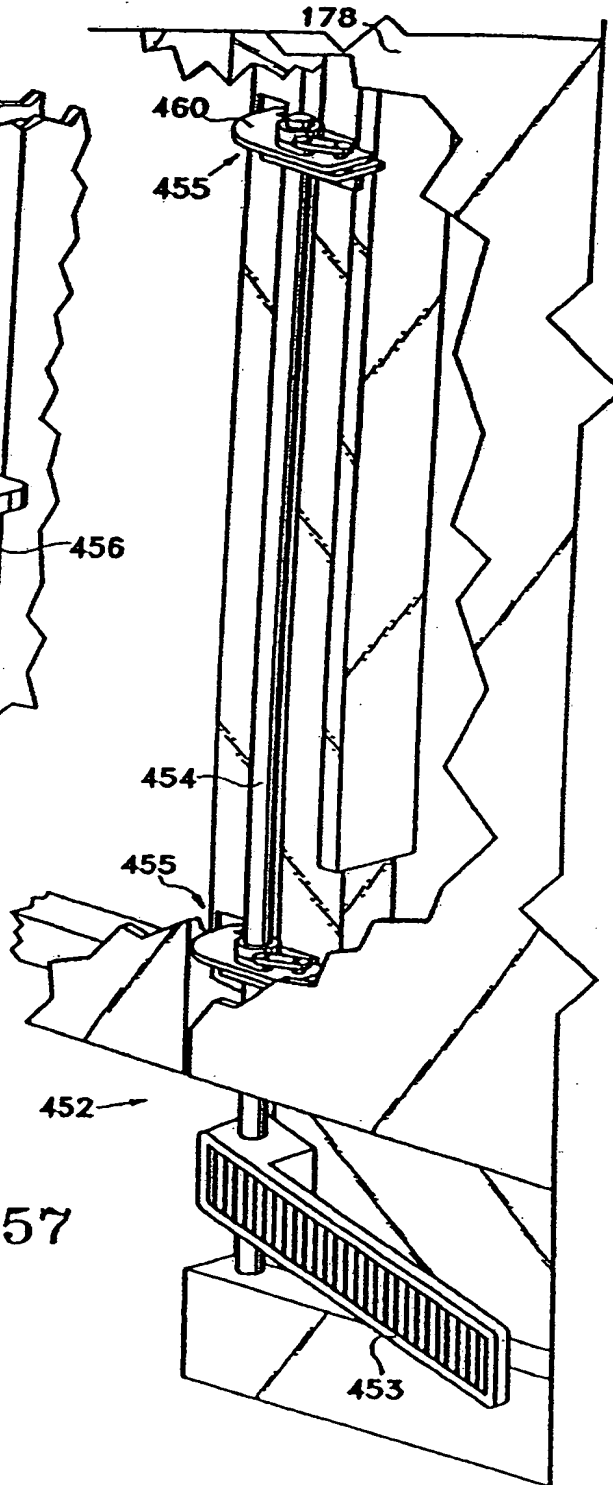
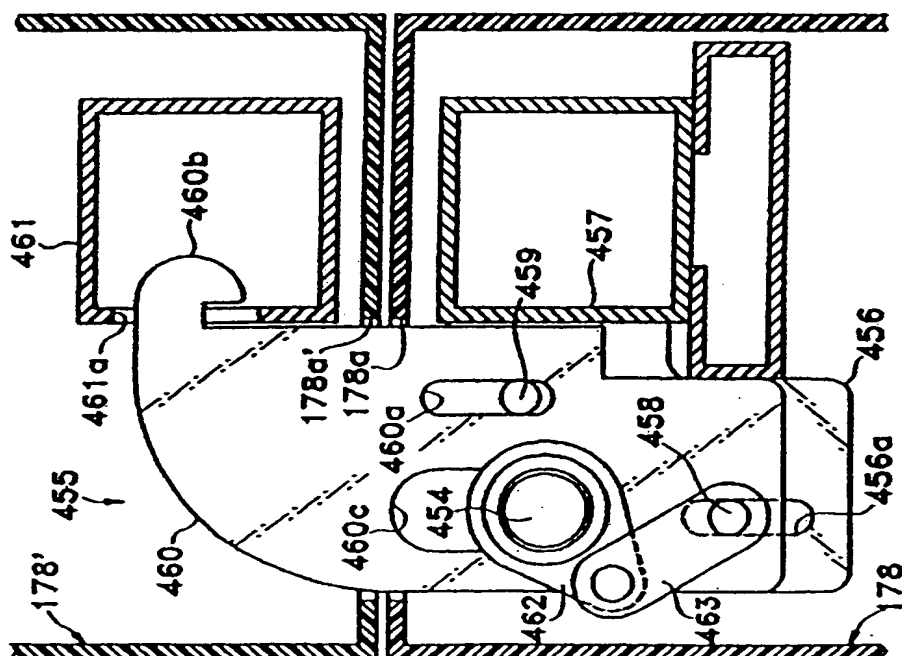
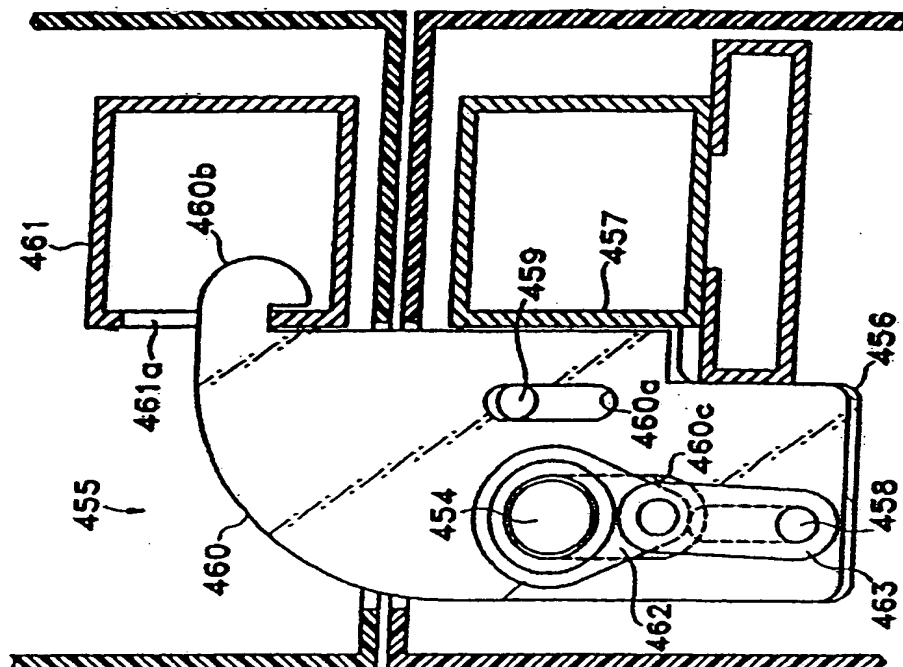


Fig. 57



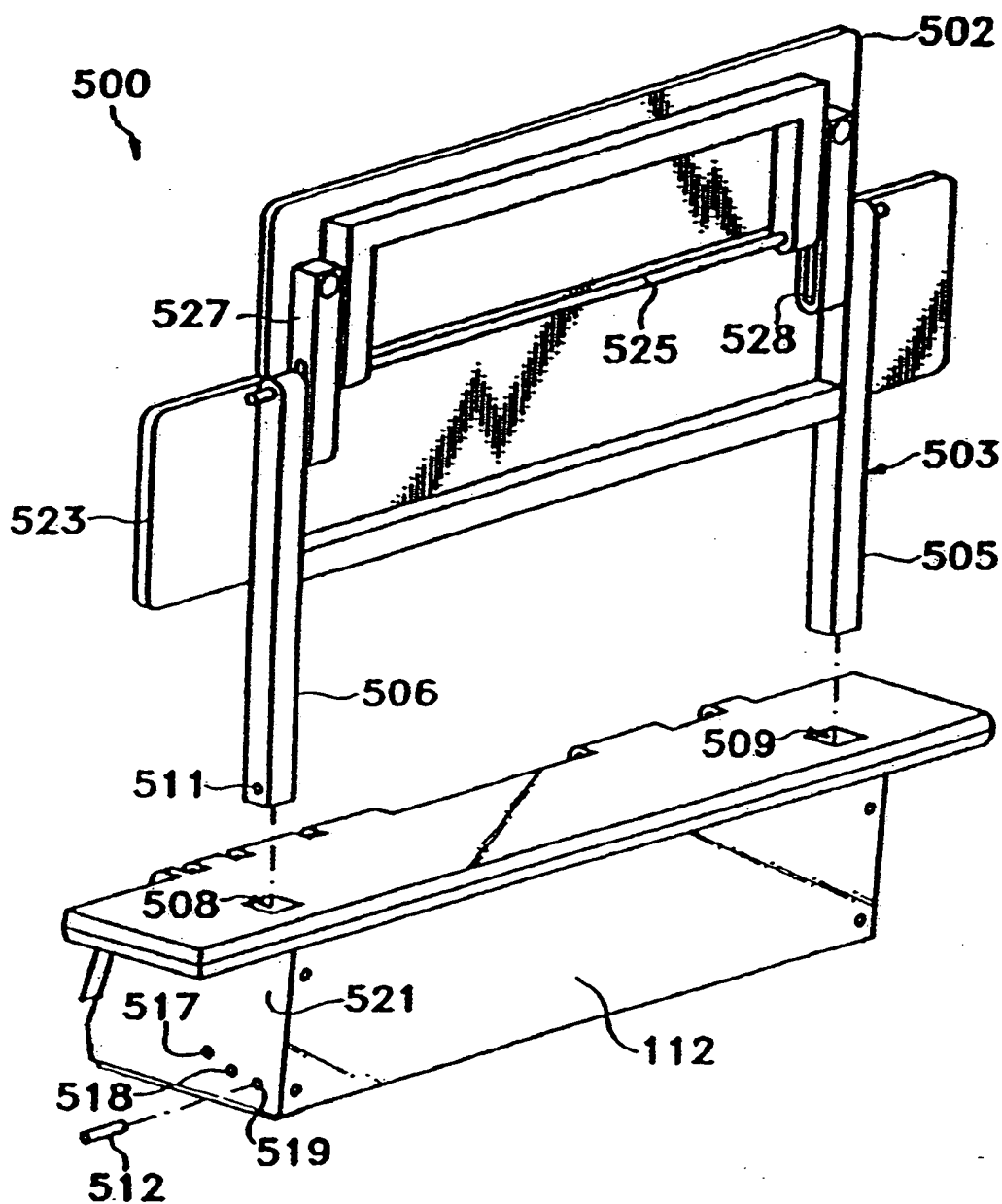


Fig. 61

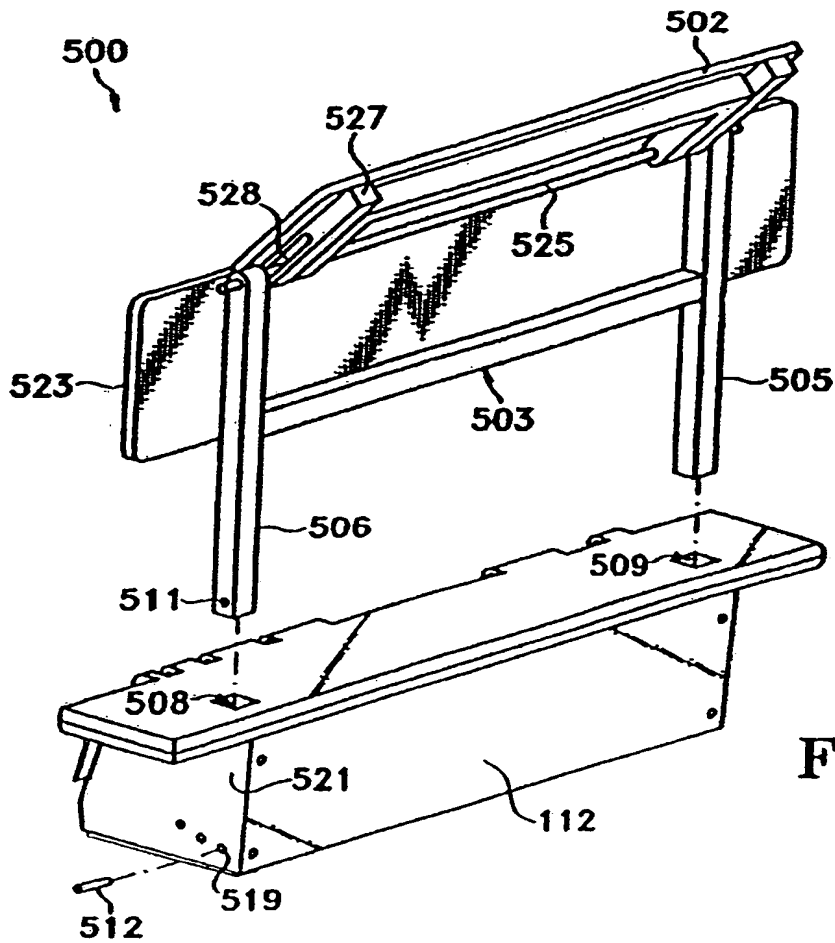


Fig. 62

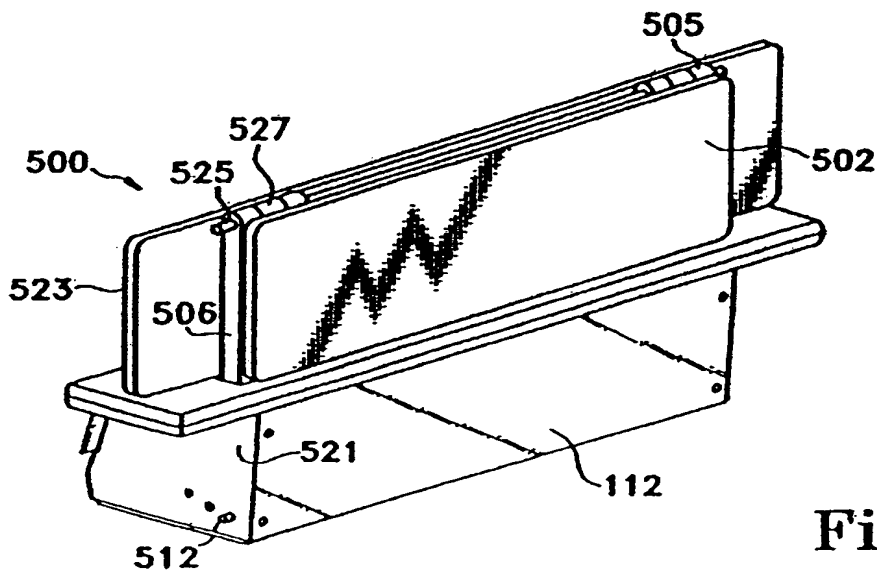


Fig. 63

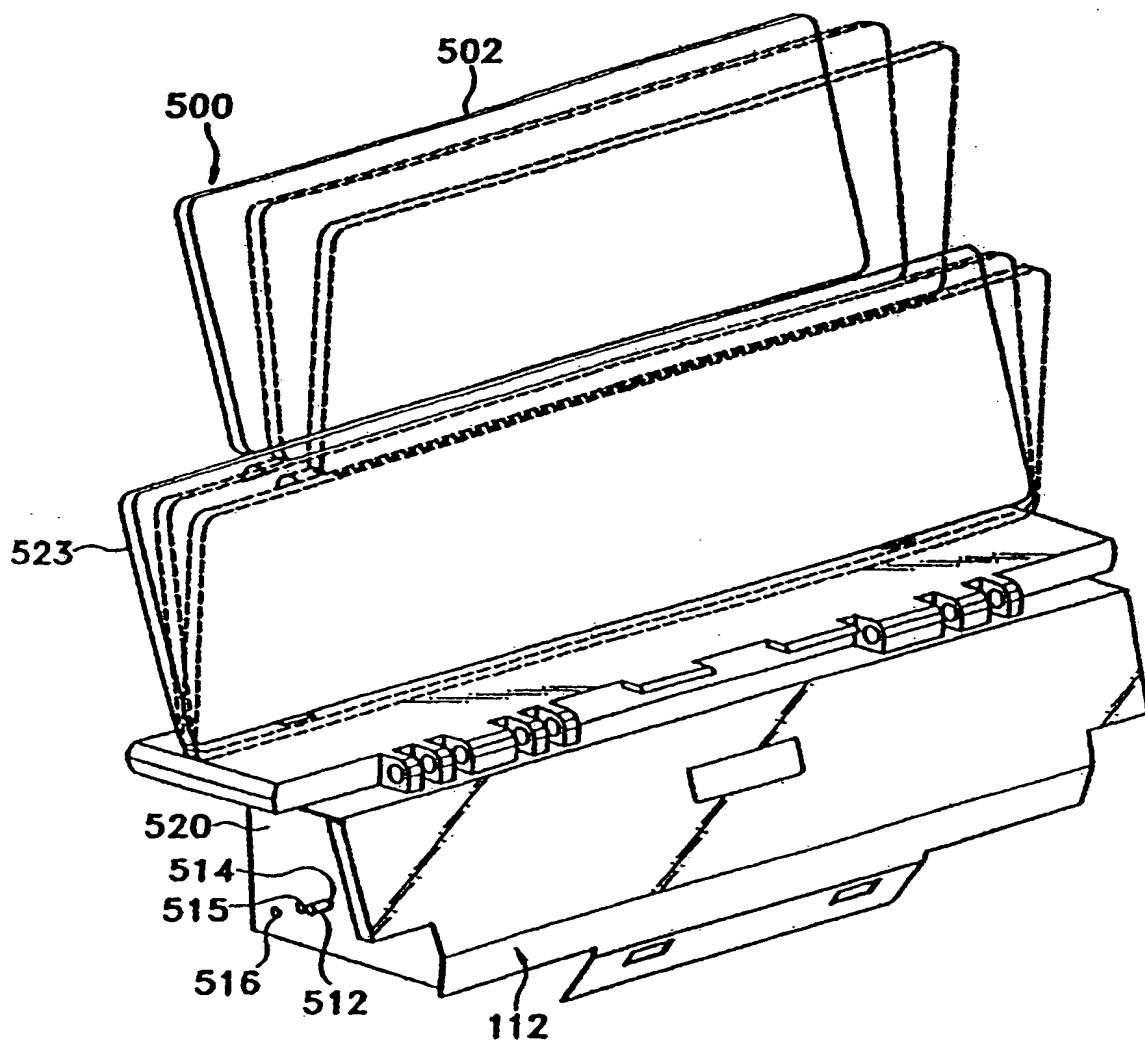


Fig. 64

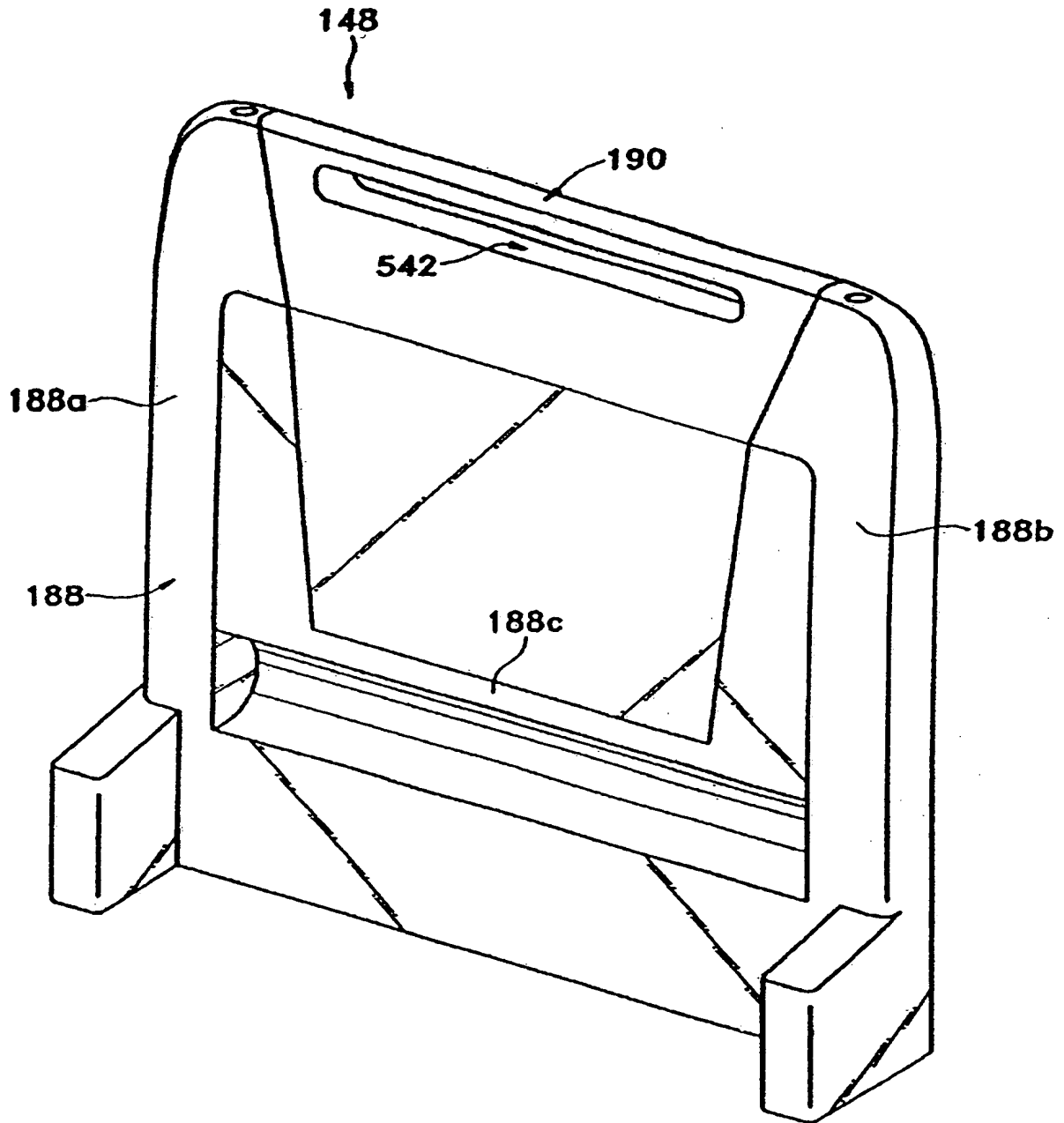


Fig. 65

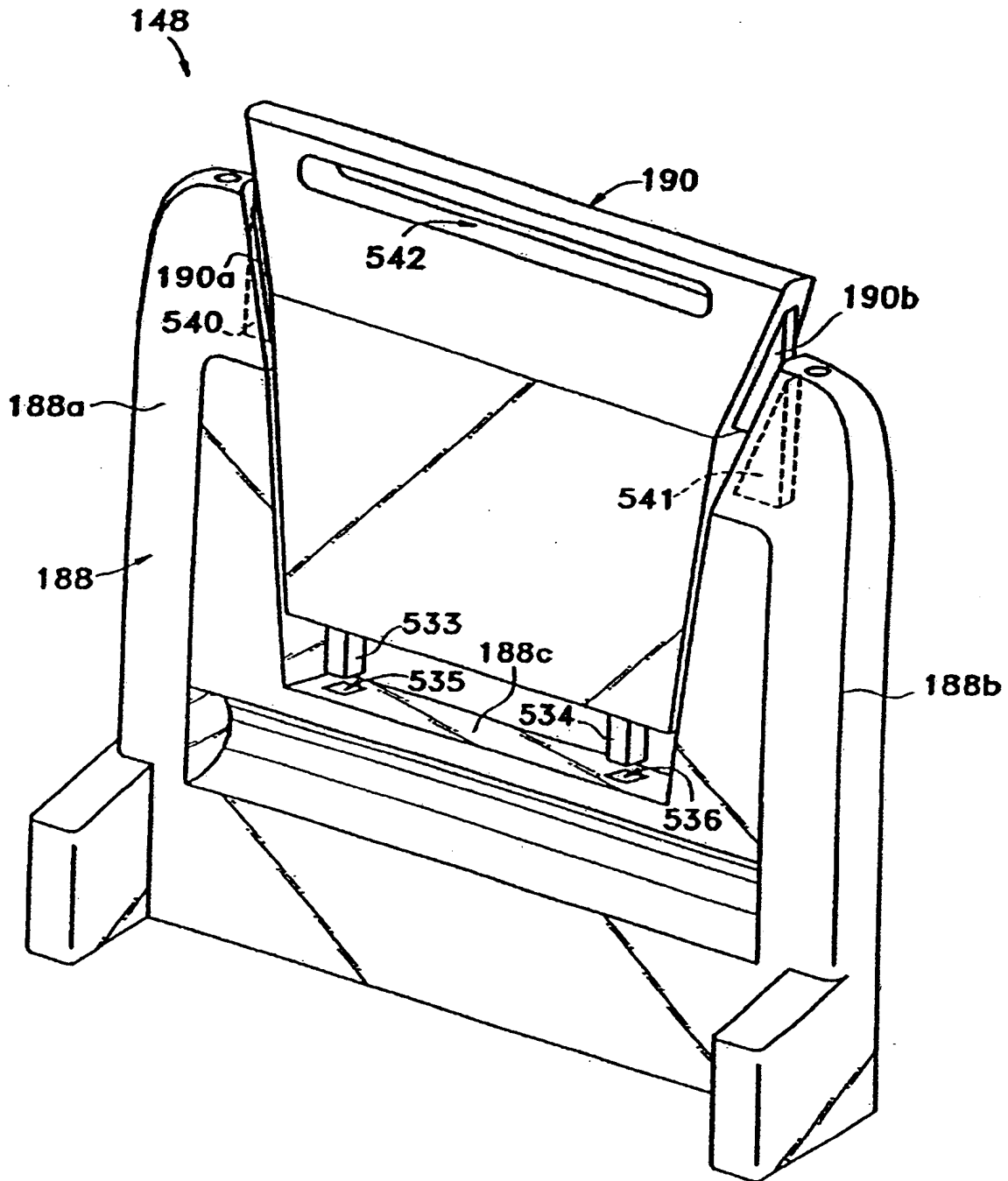


Fig. 66

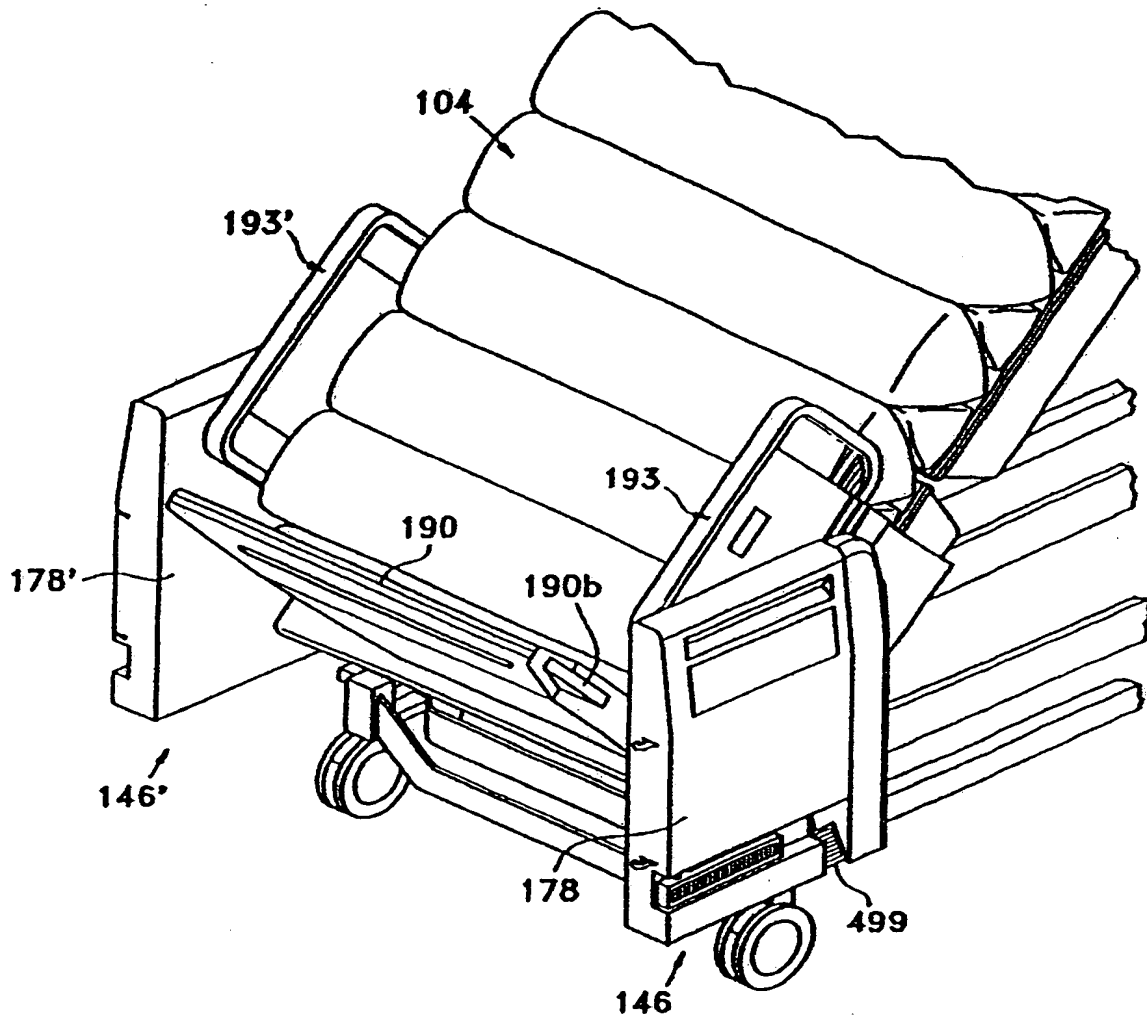


Fig. 67

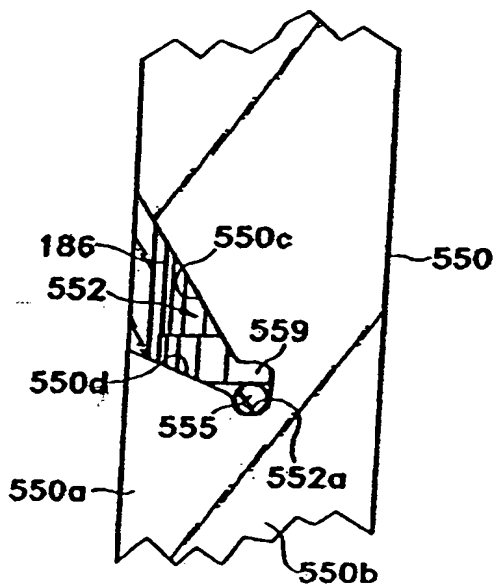


Fig. 69

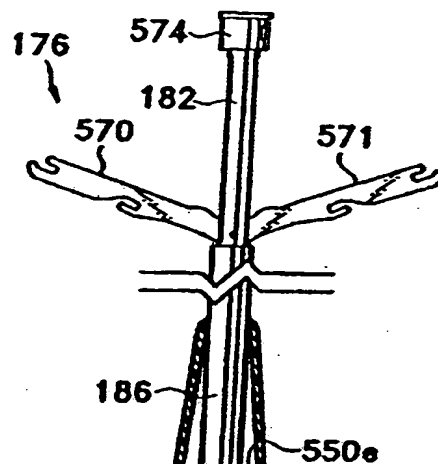


Fig. 68

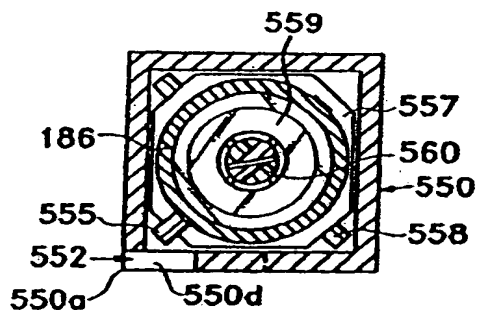


Fig. 71

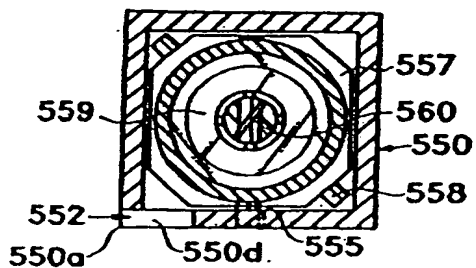
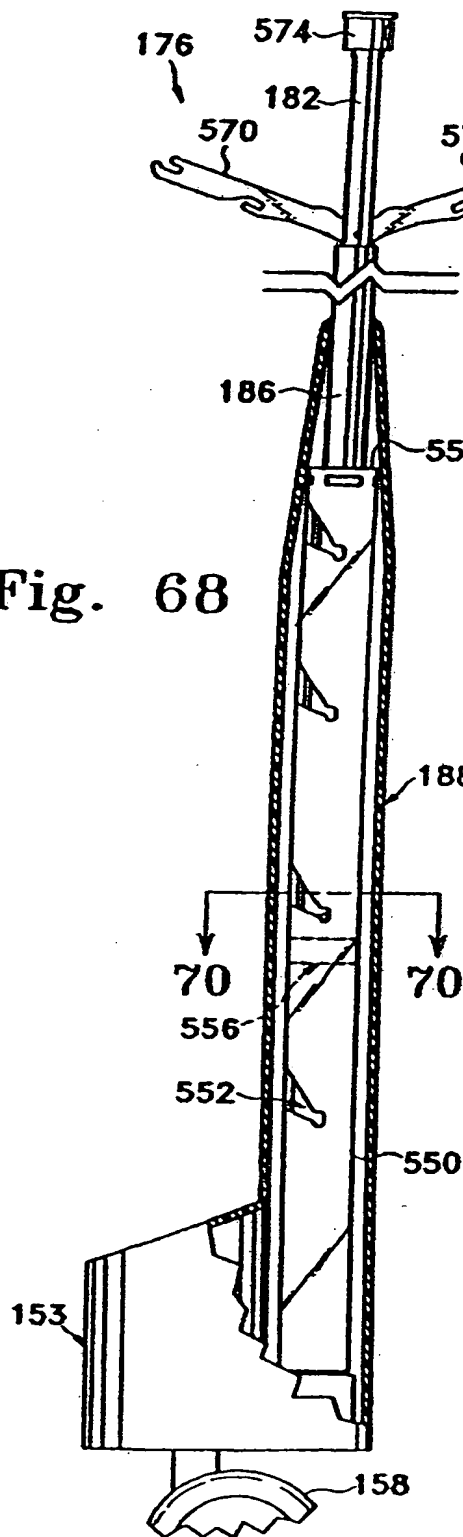


Fig. 70



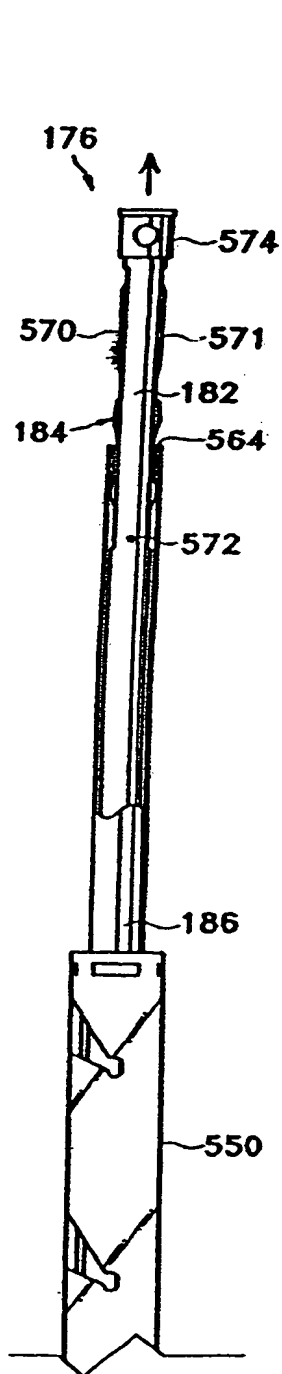


Fig. 72

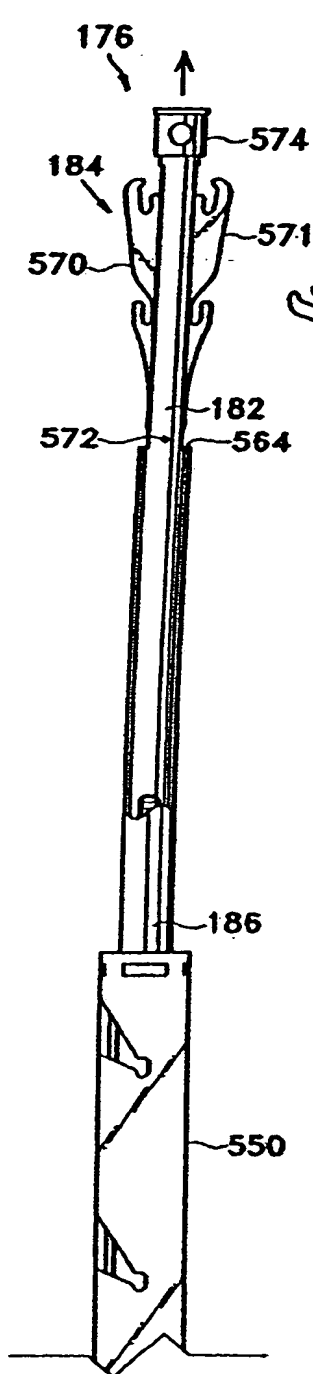


Fig. 73

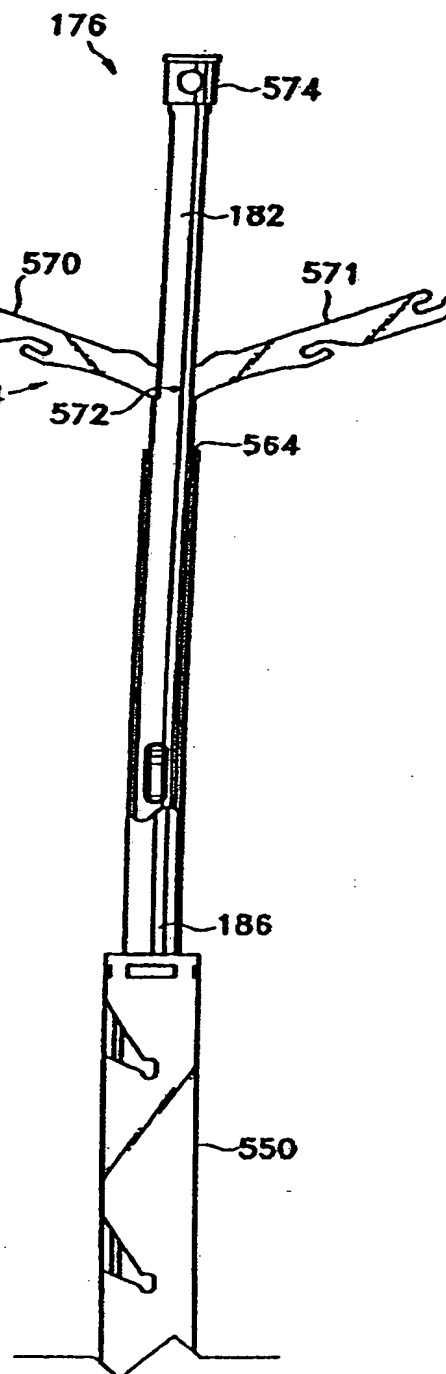
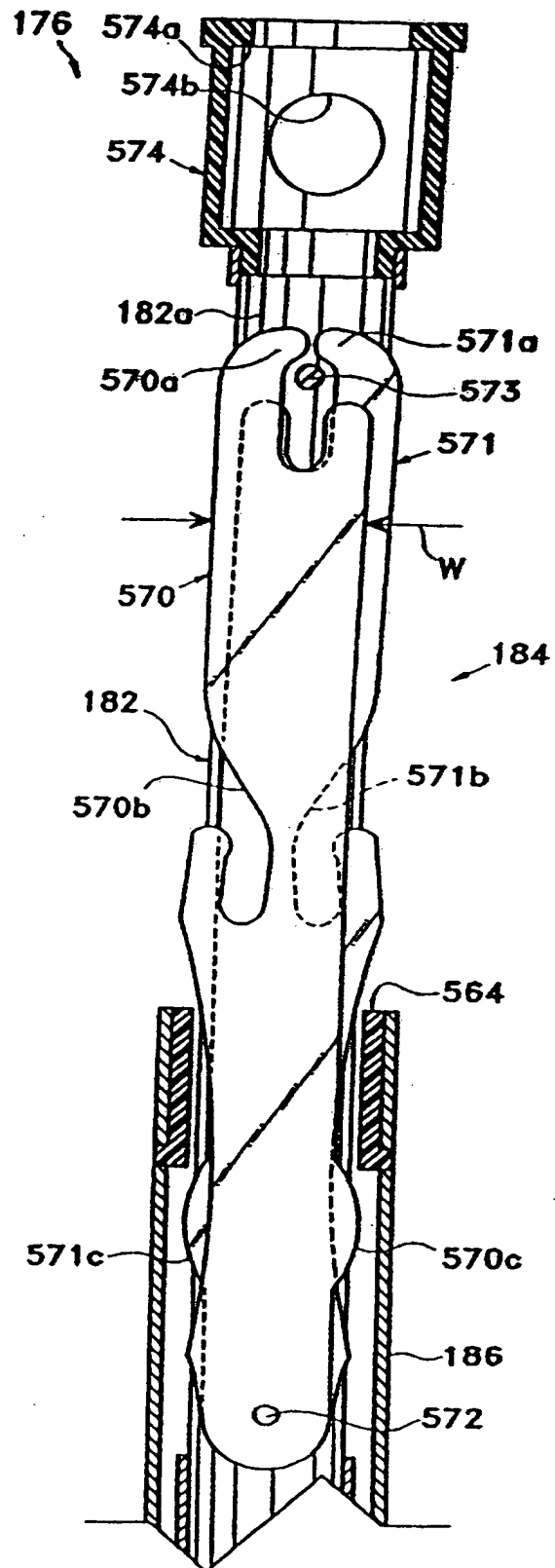


Fig. 74

Fig. 75



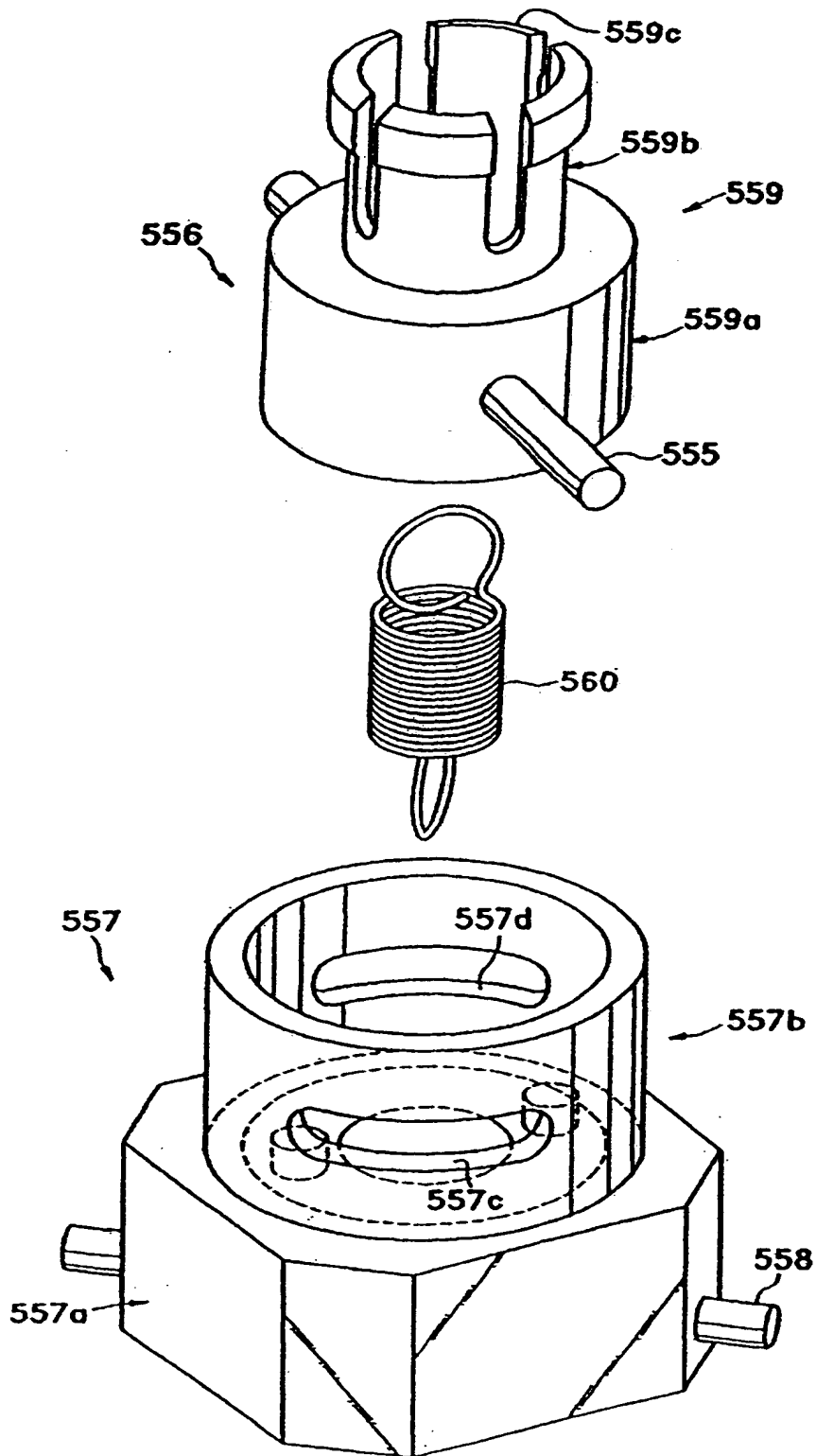


Fig. 76

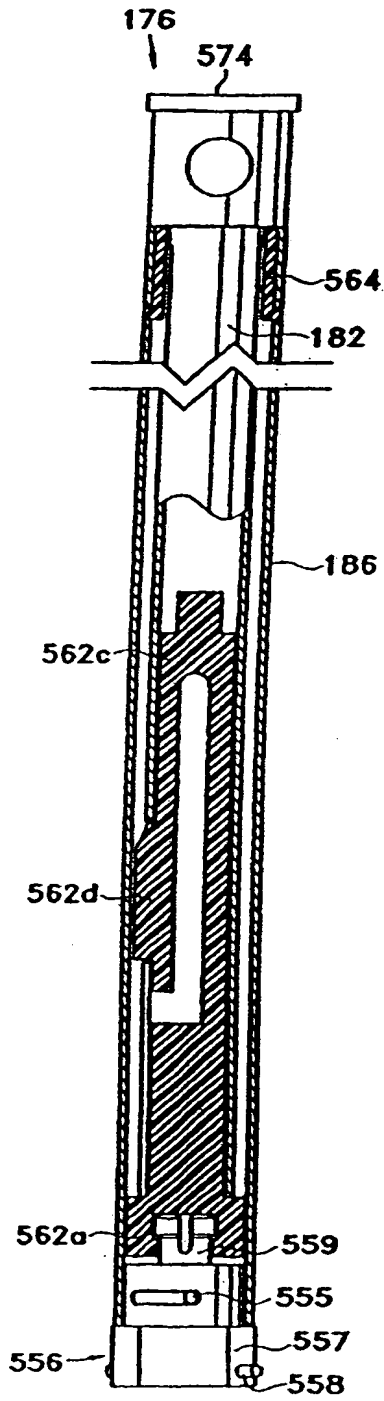


Fig. 77

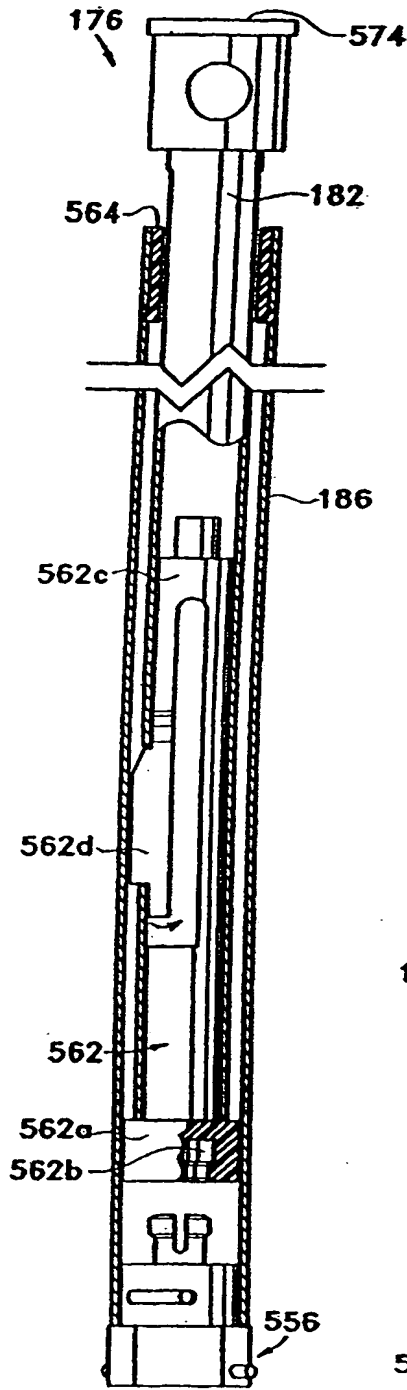


Fig. 78

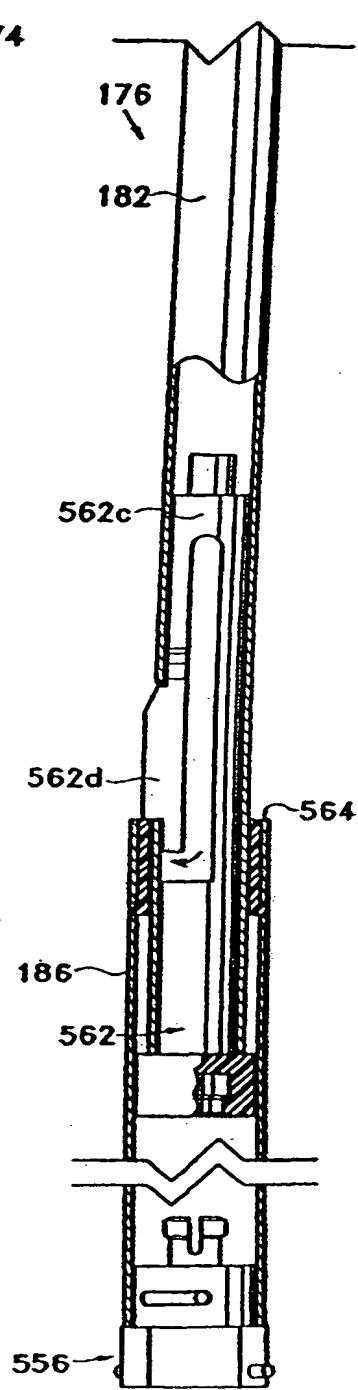


Fig. 79

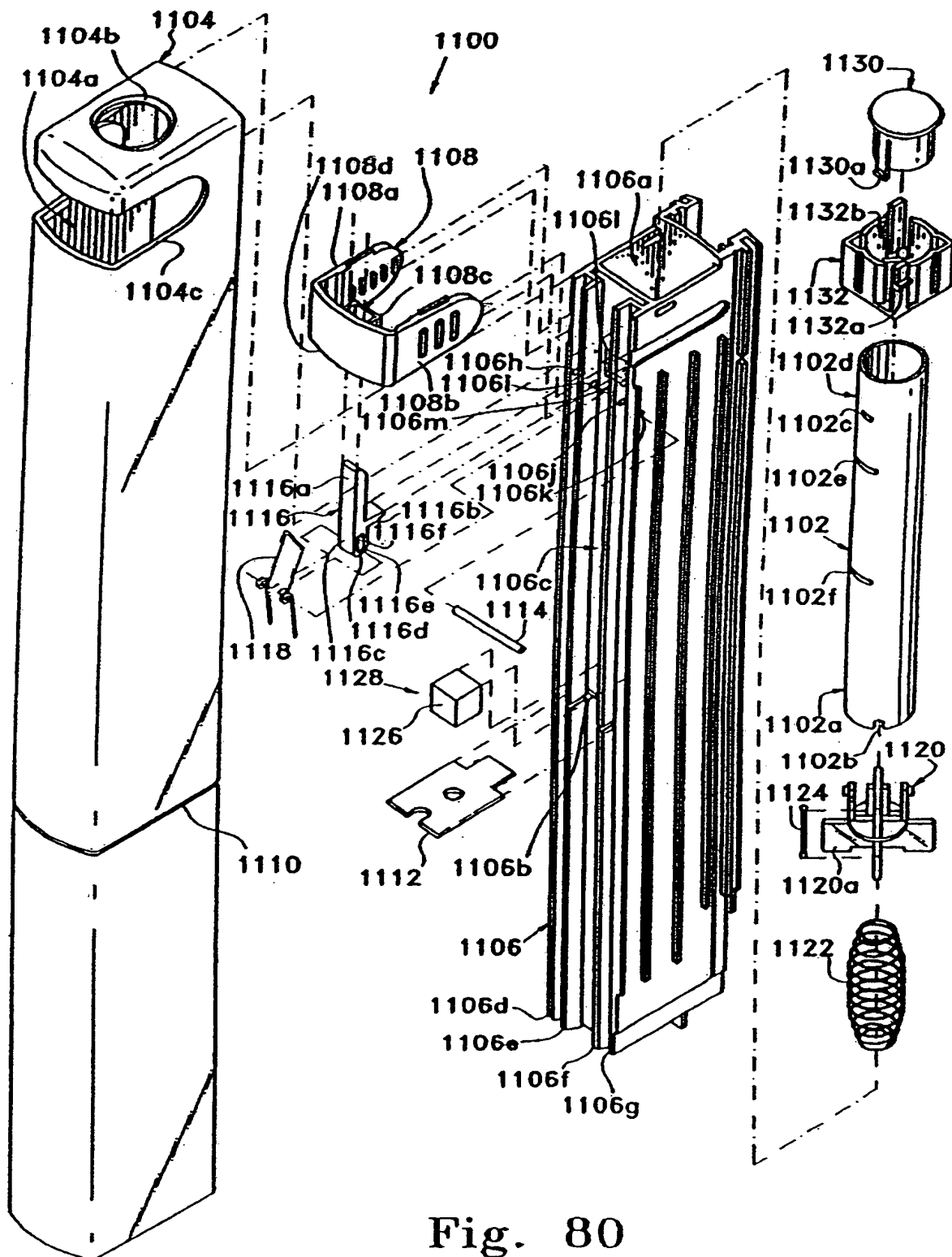


Fig. 80

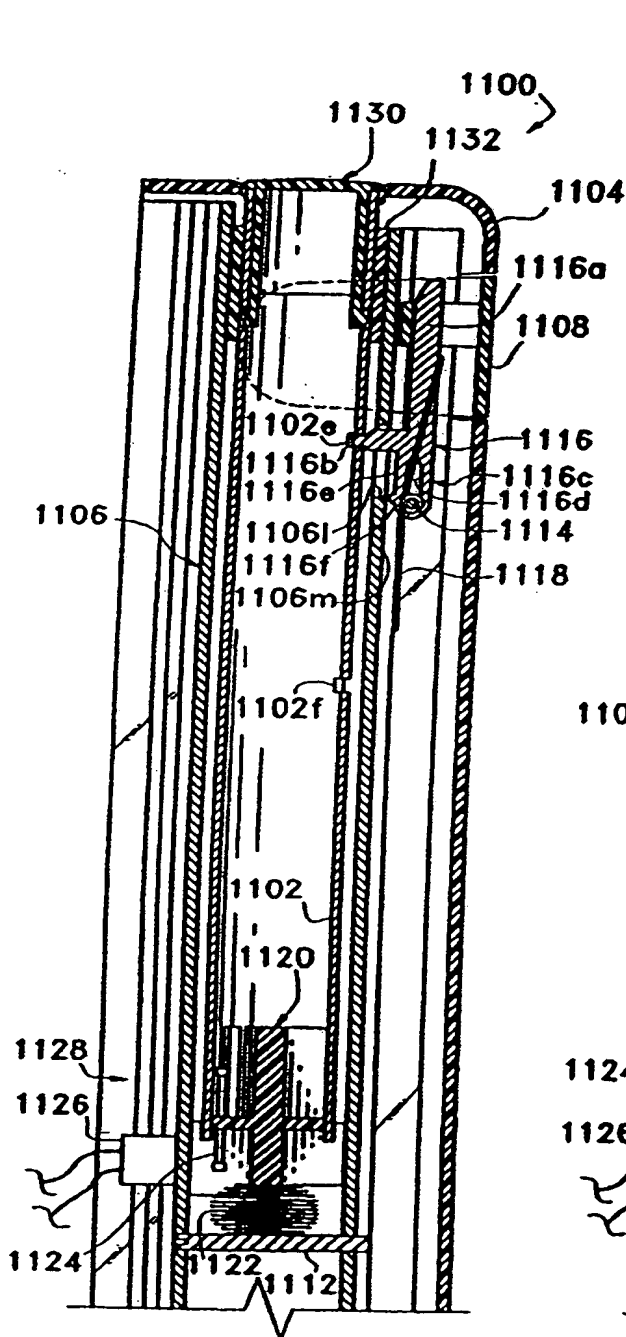


Fig. 81

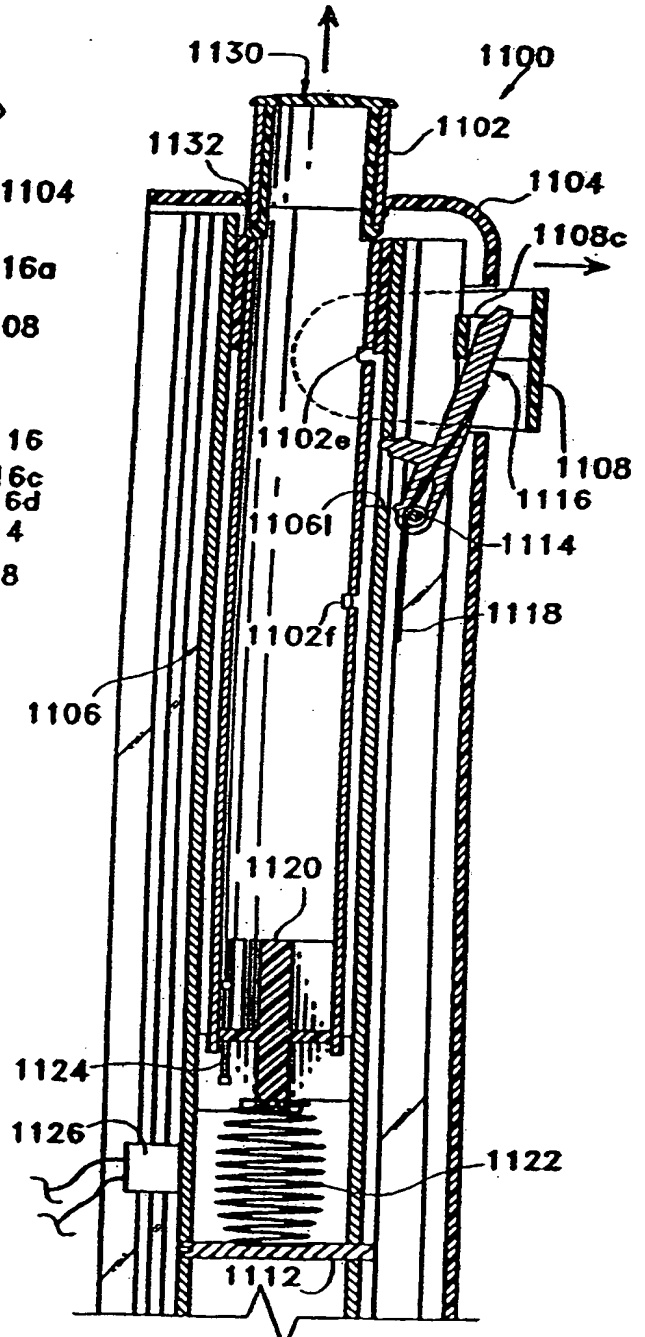


Fig. 82

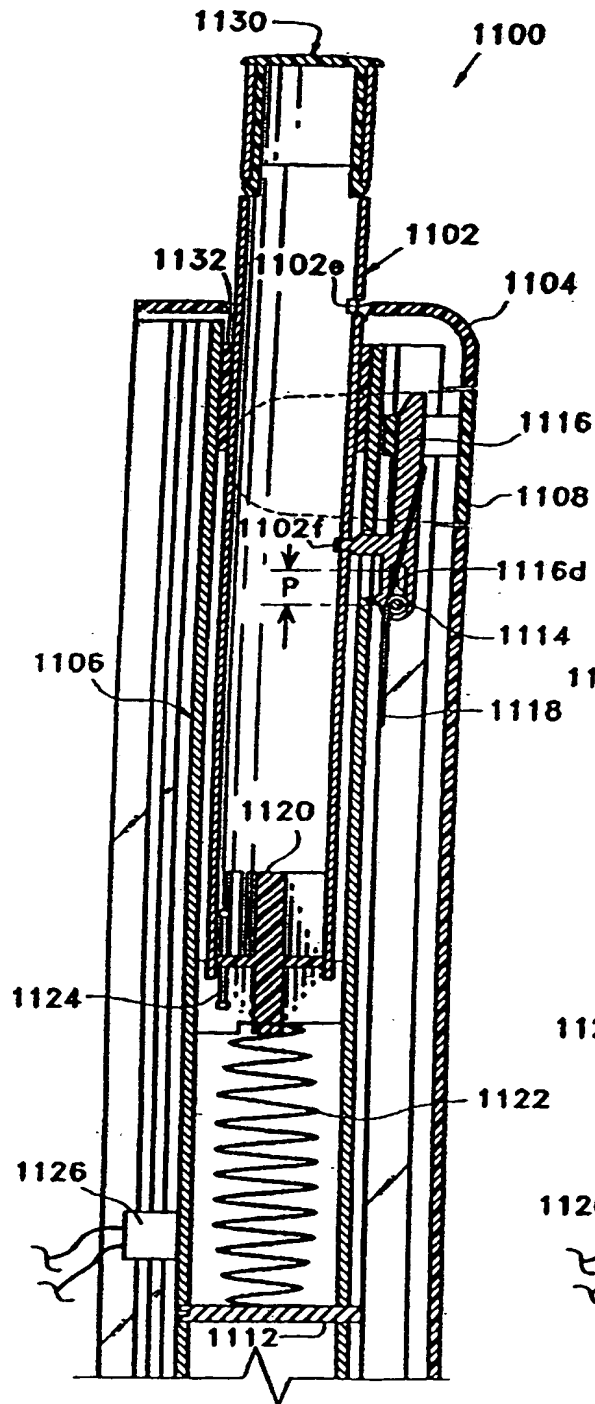


Fig. 83

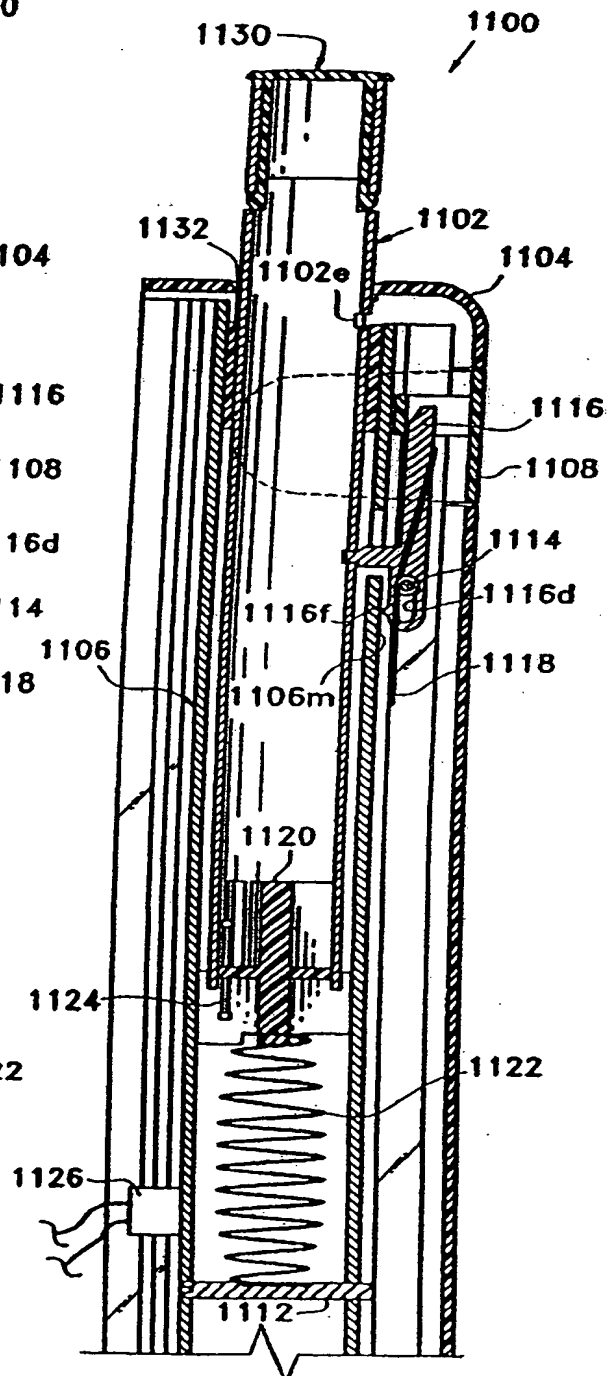


Fig. 84

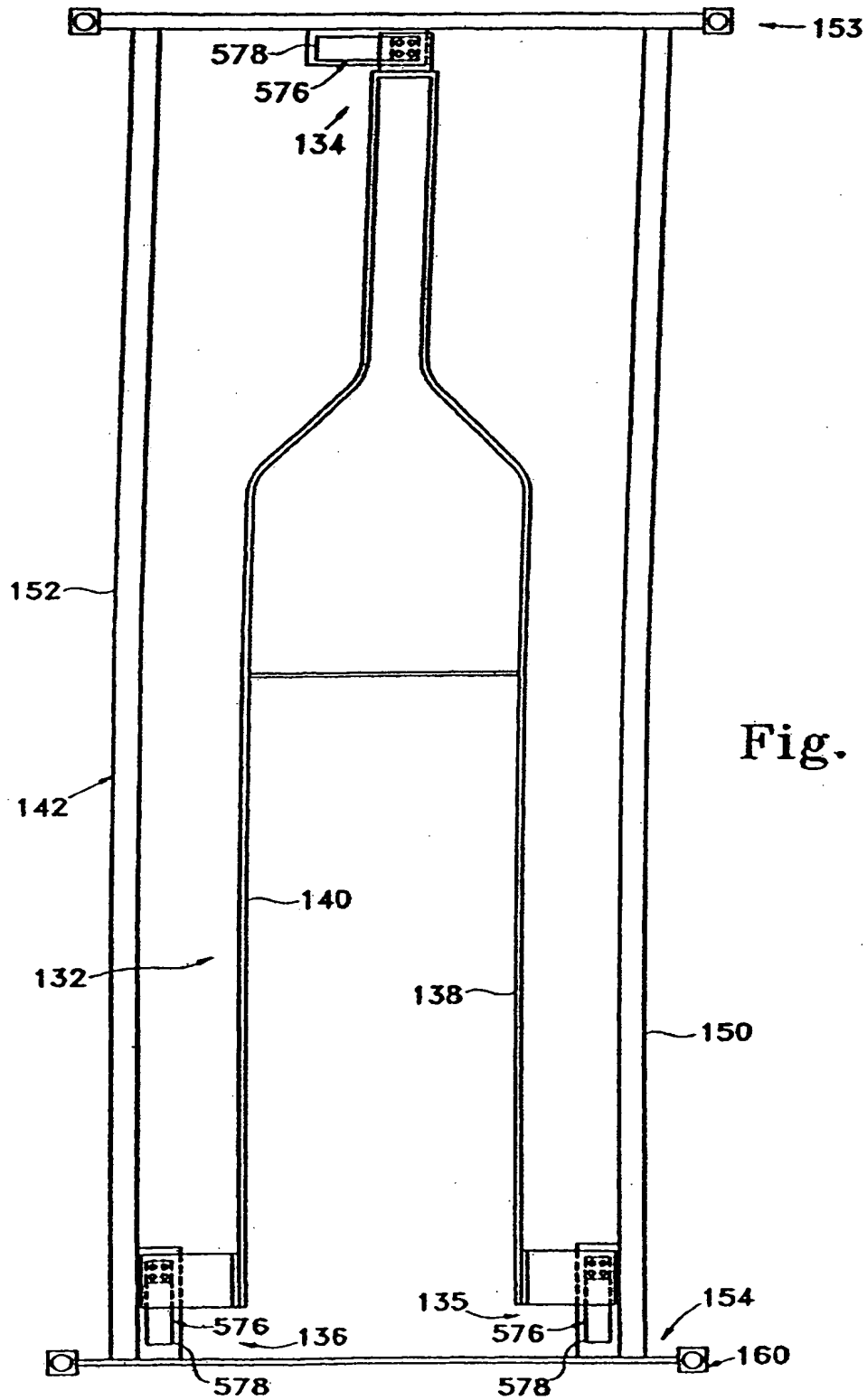


Fig. 85

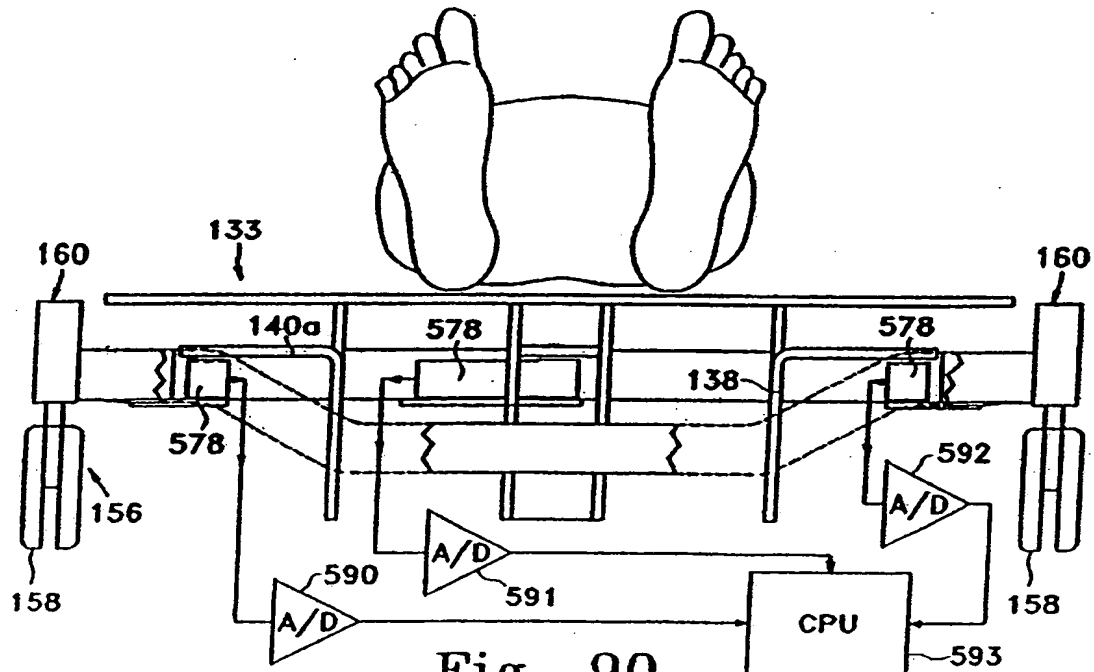


Fig. 90

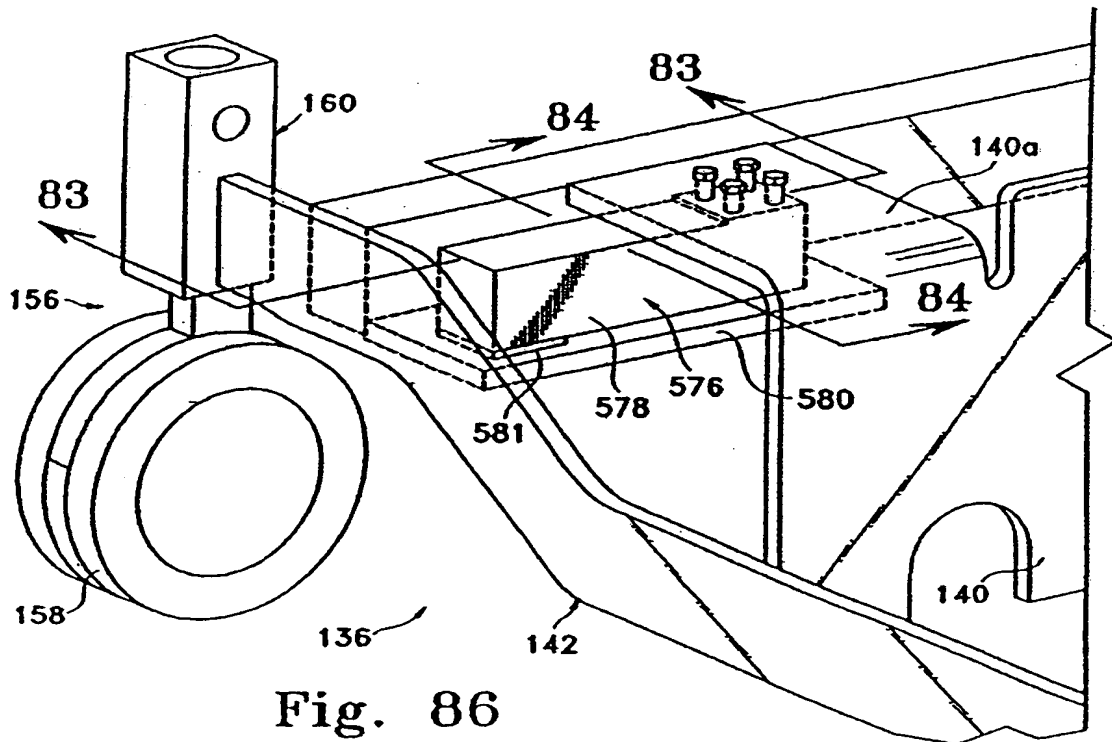


Fig. 86

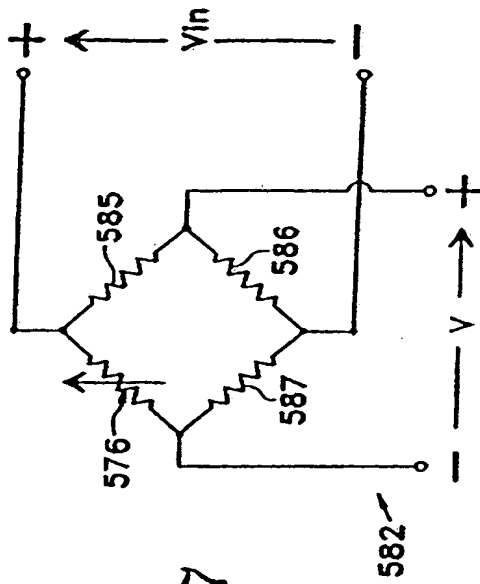


Fig. 87

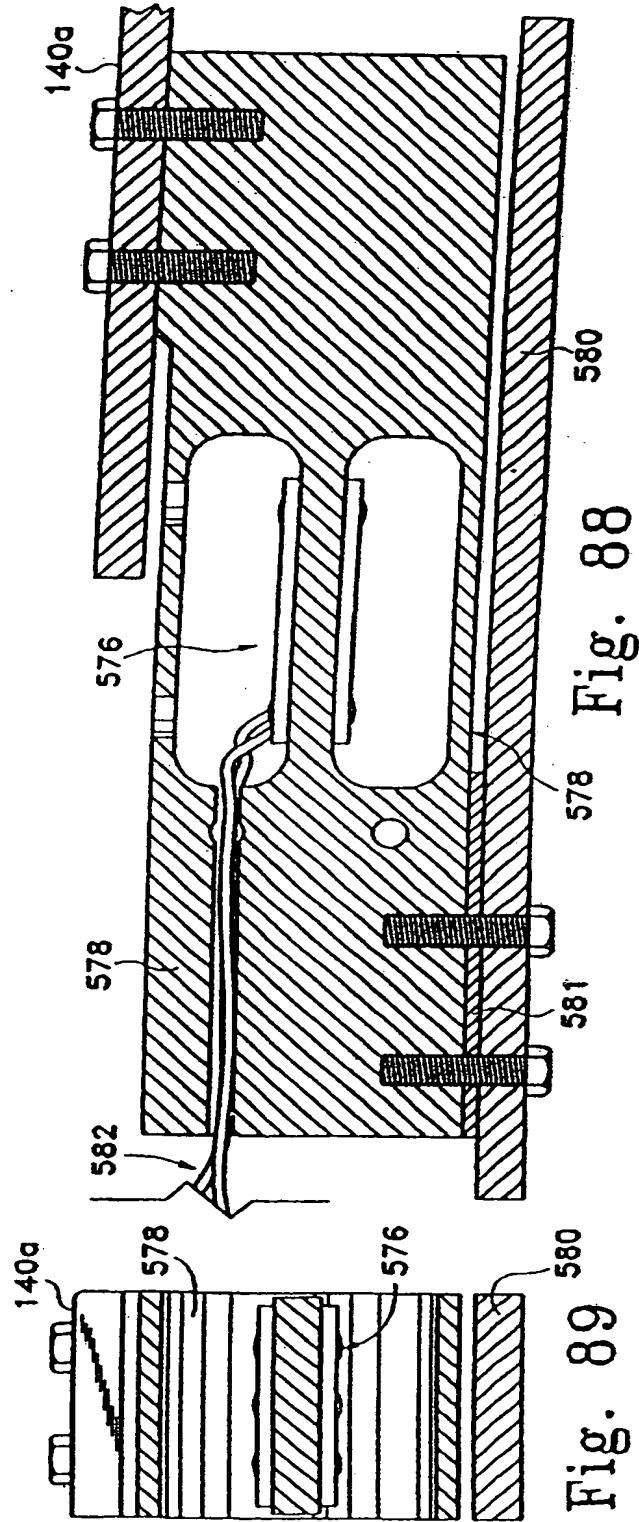


Fig. 89

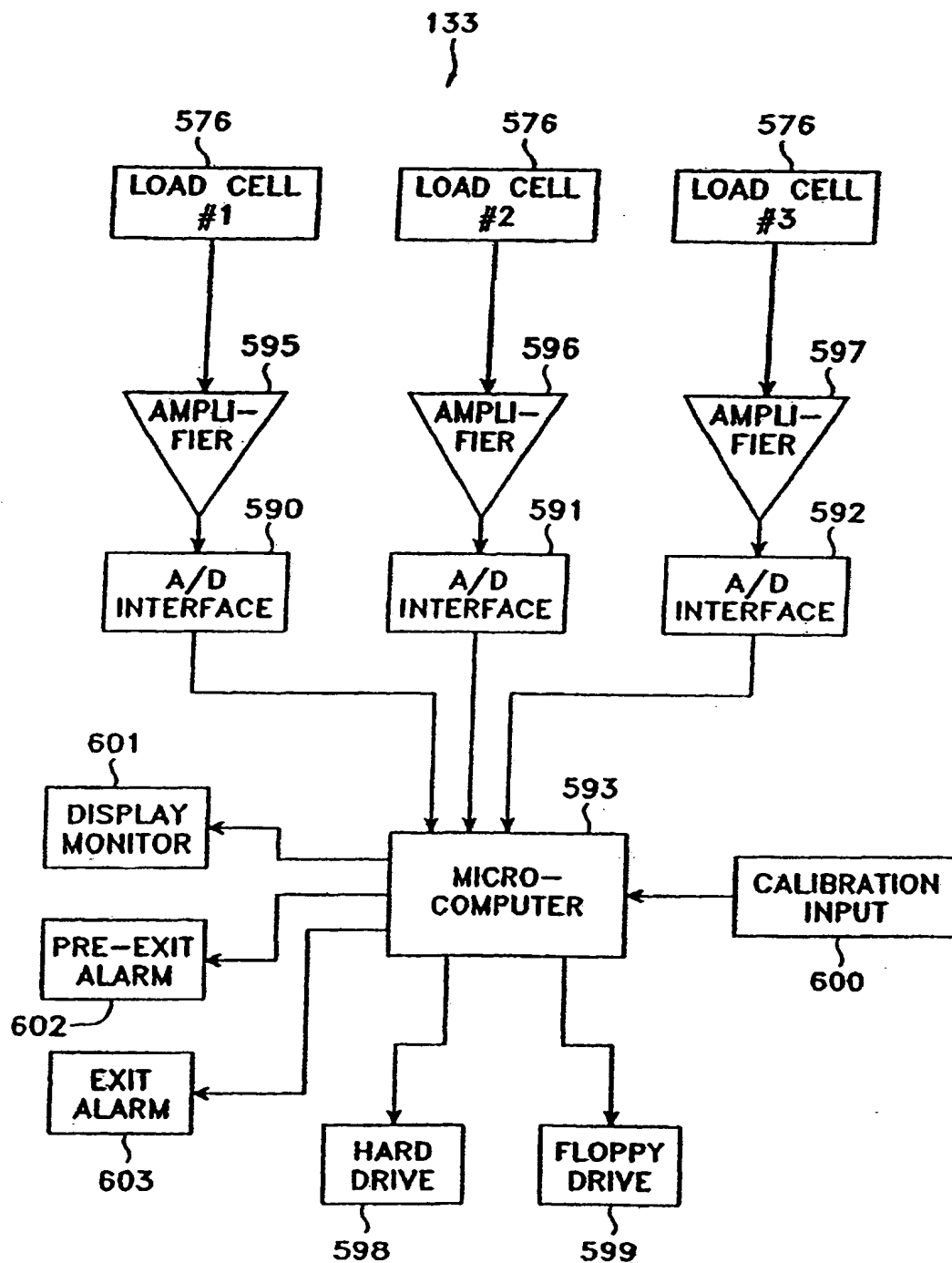


Fig. 91

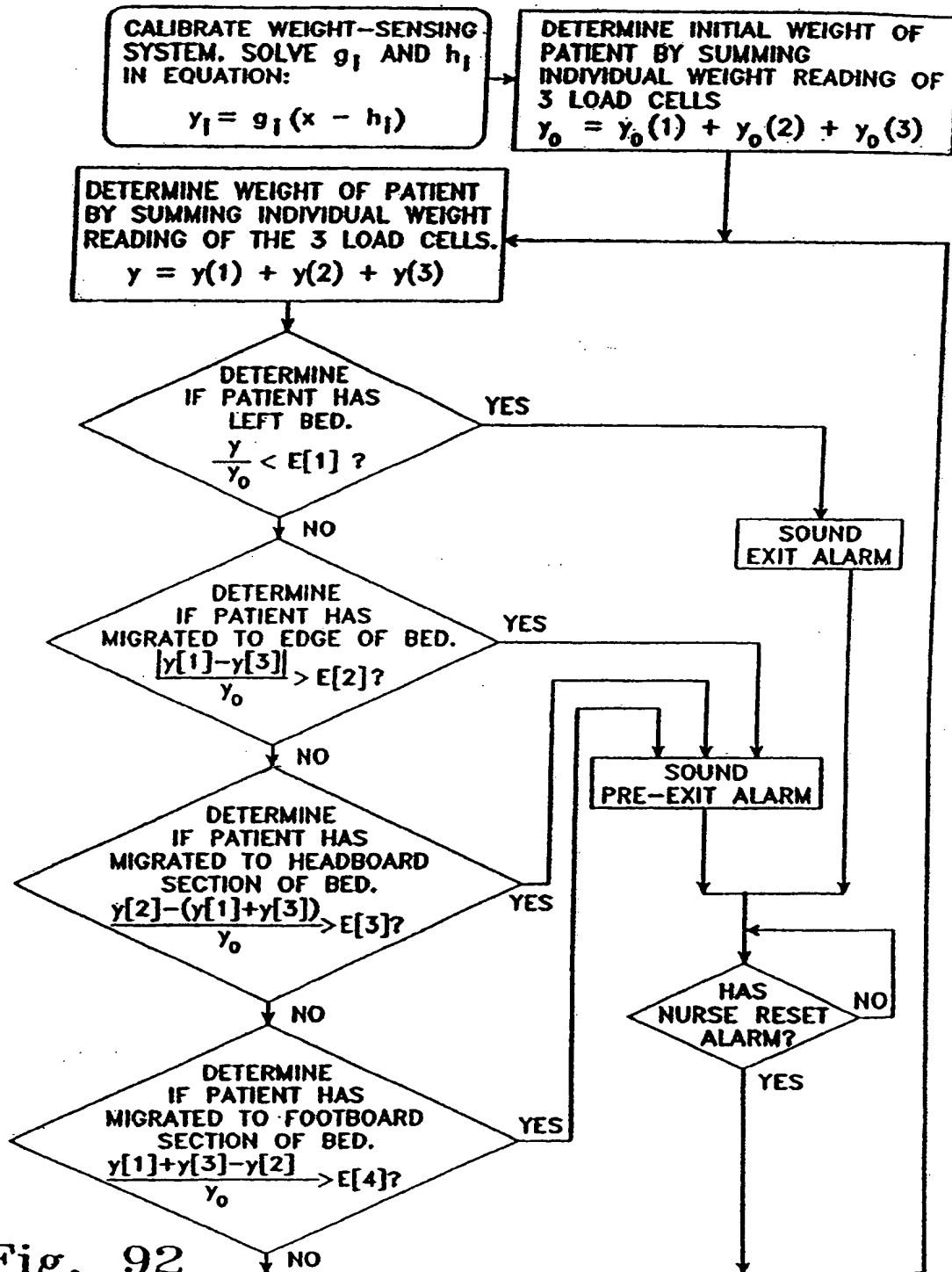


Fig. 92

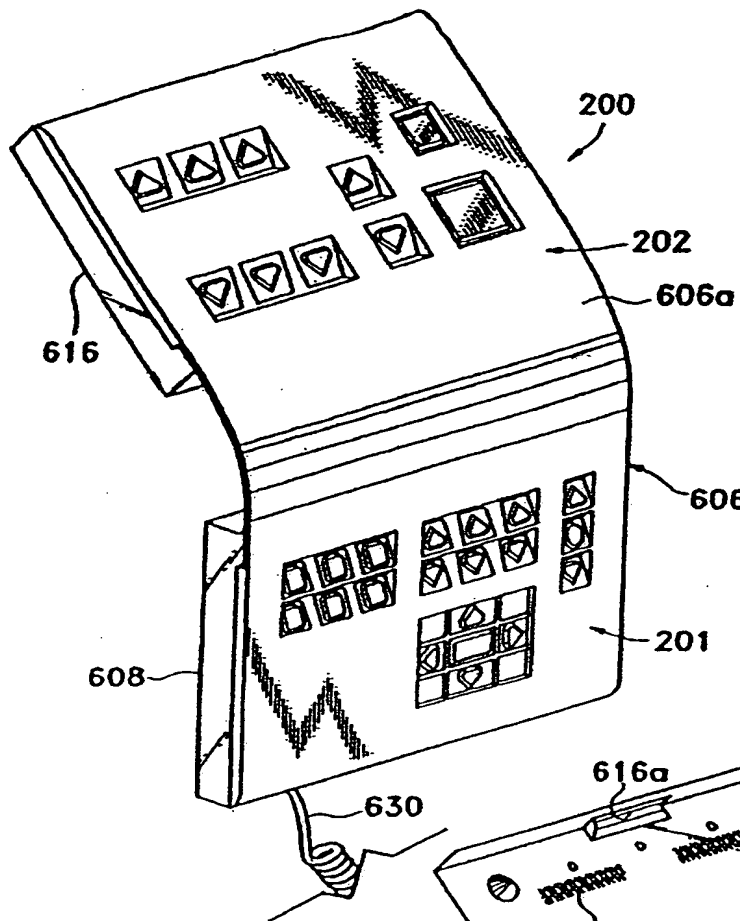


Fig. 93

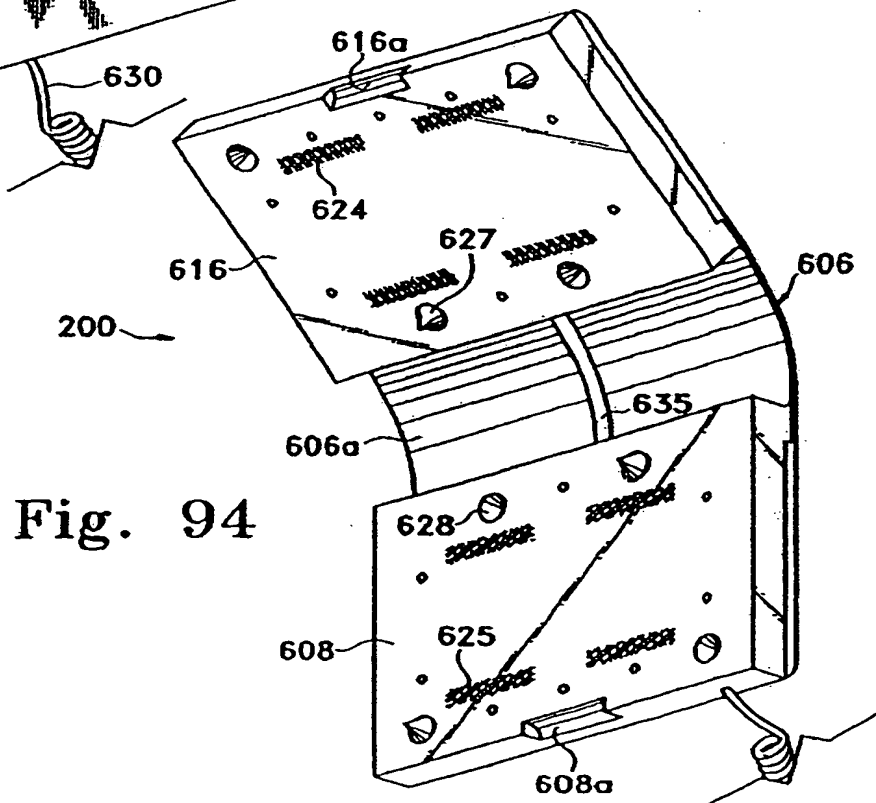


Fig. 94

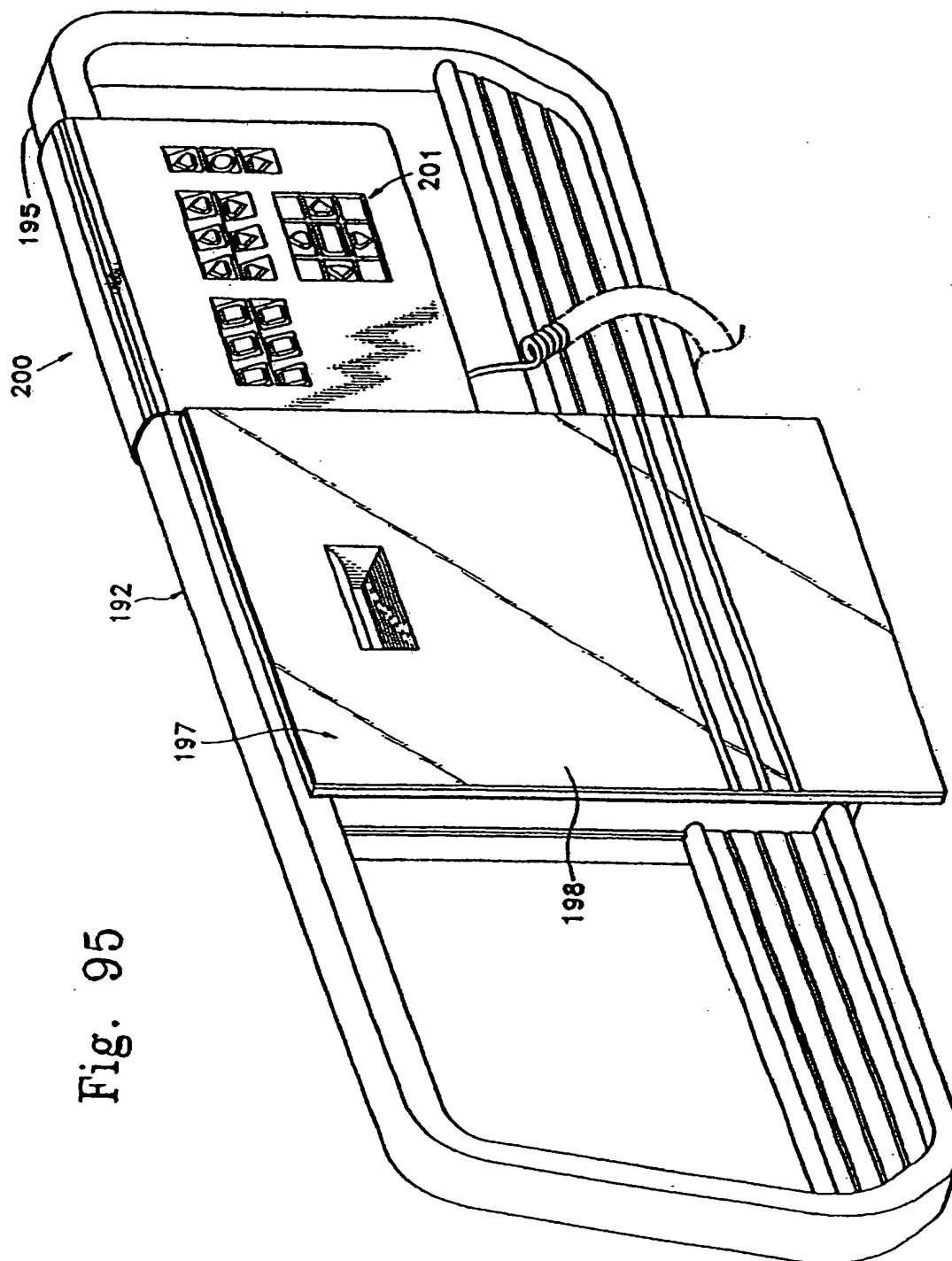
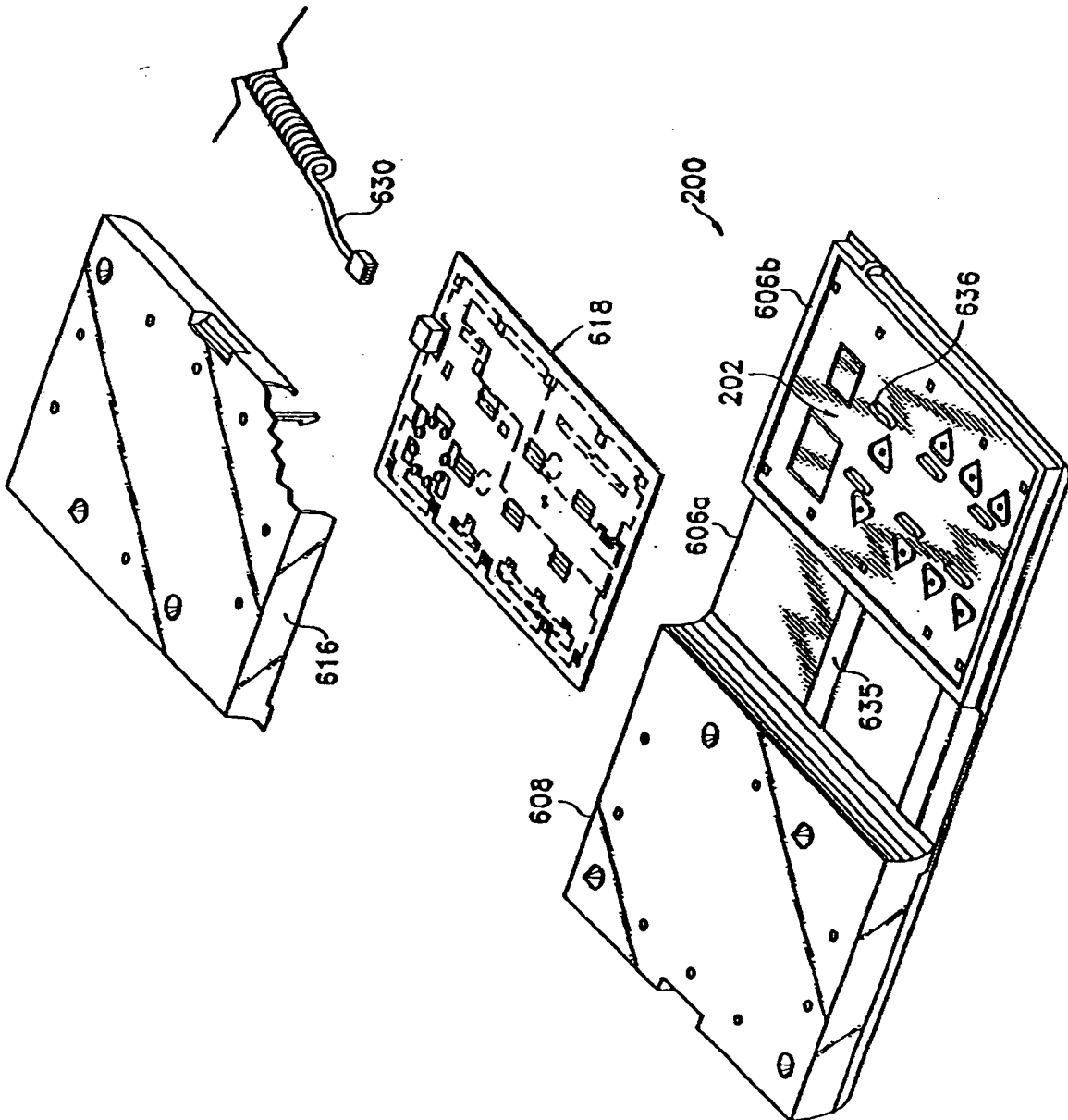


Fig. 95

Fig. 96



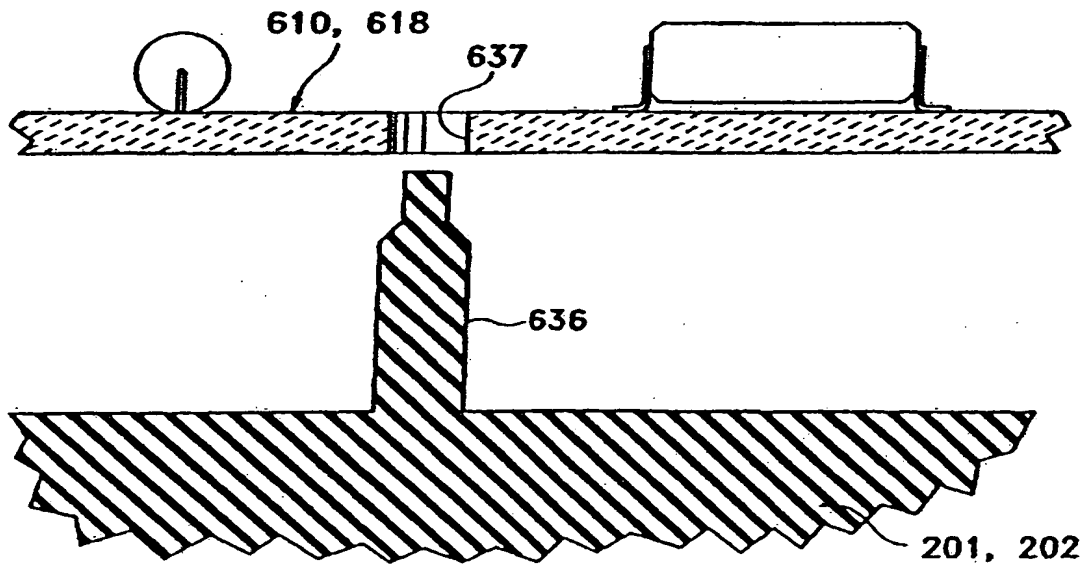


Fig. 97

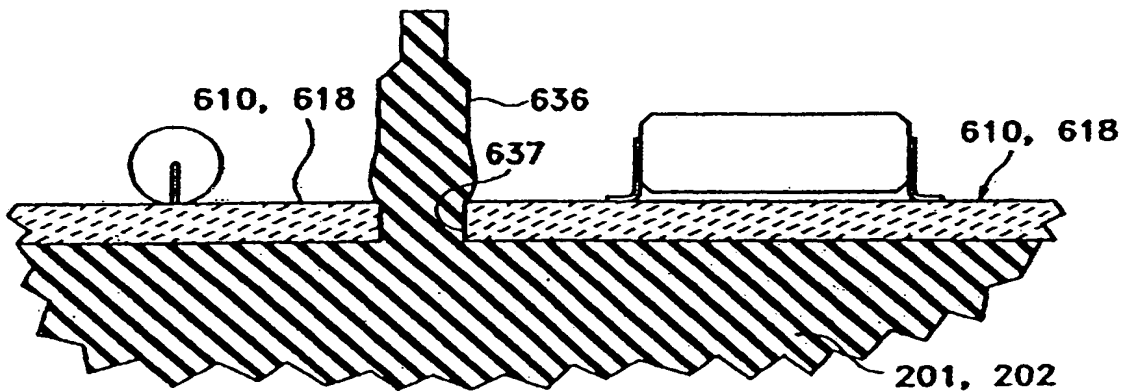


Fig. 98

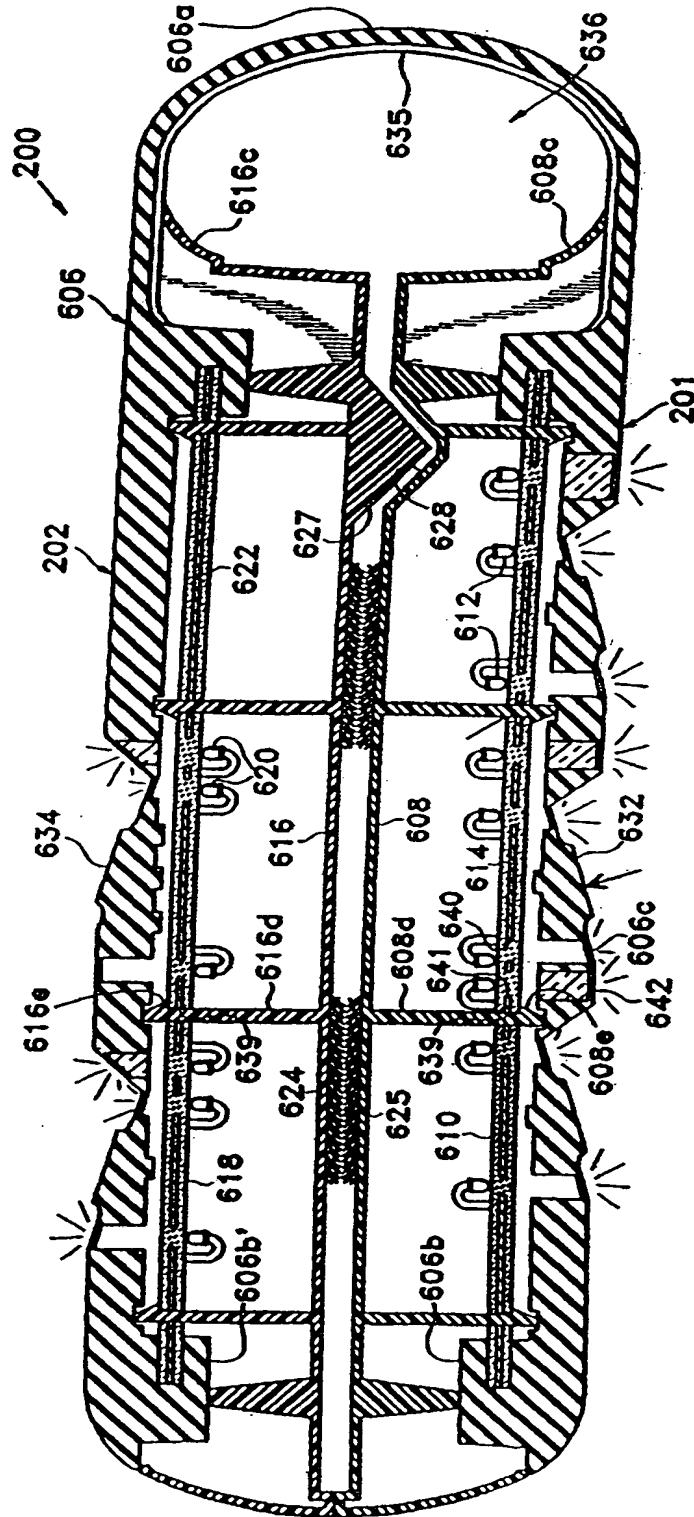


Fig. 99

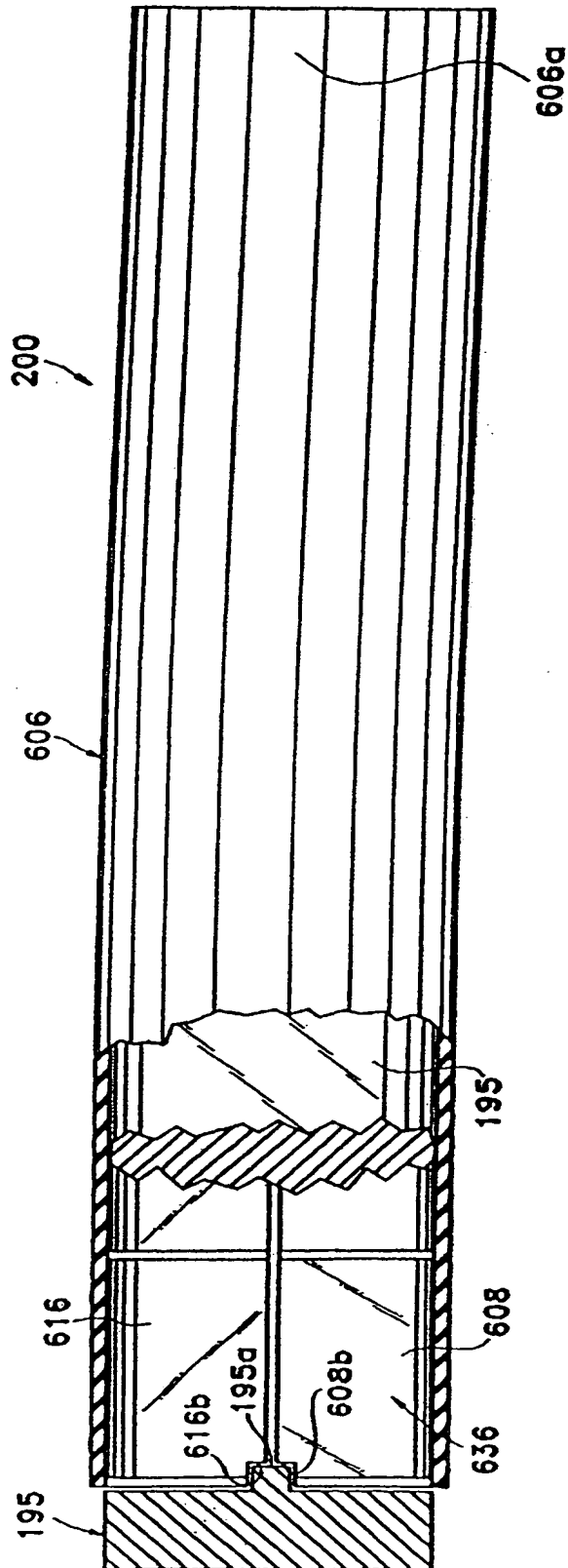


Fig. 100

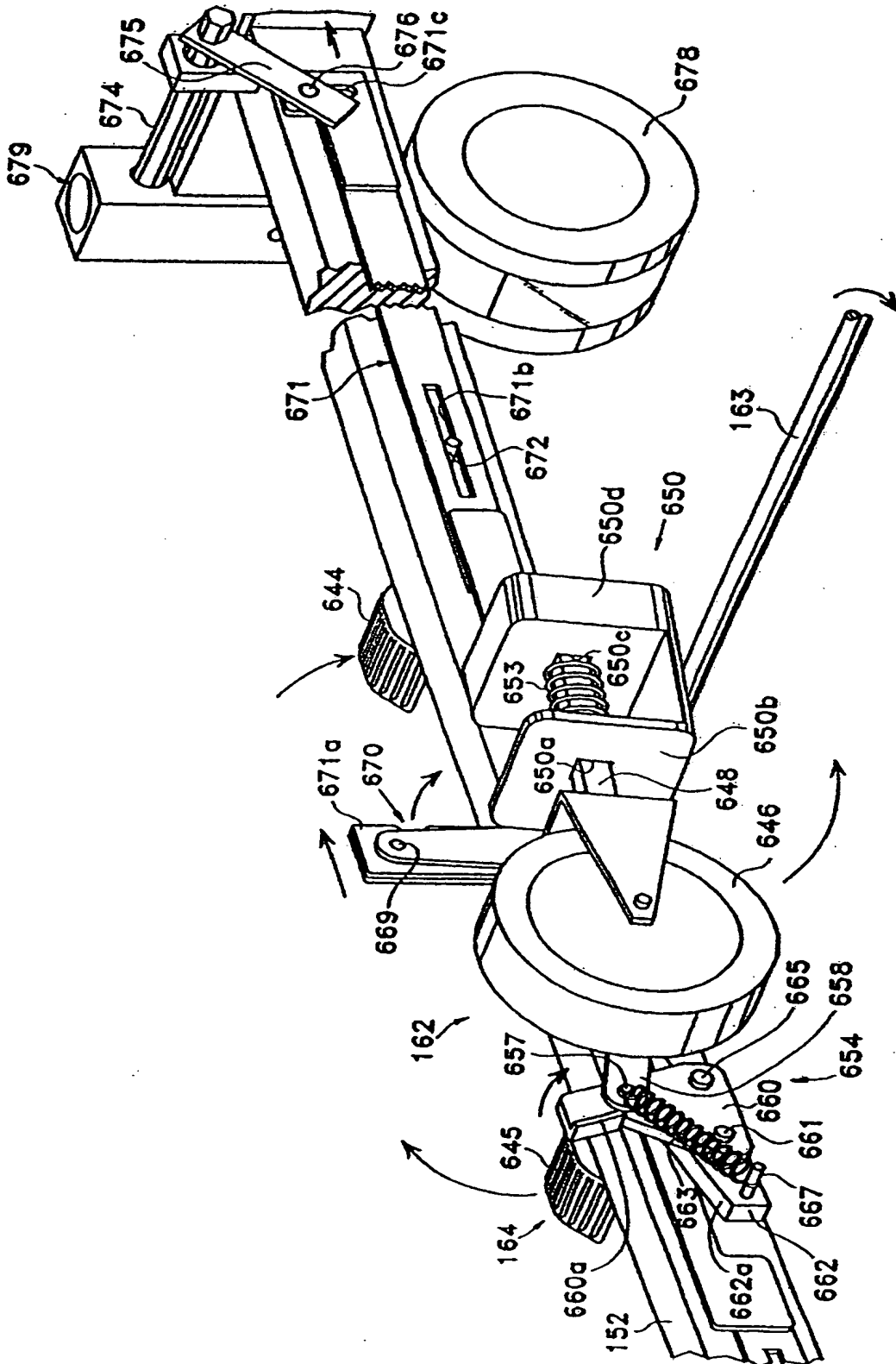
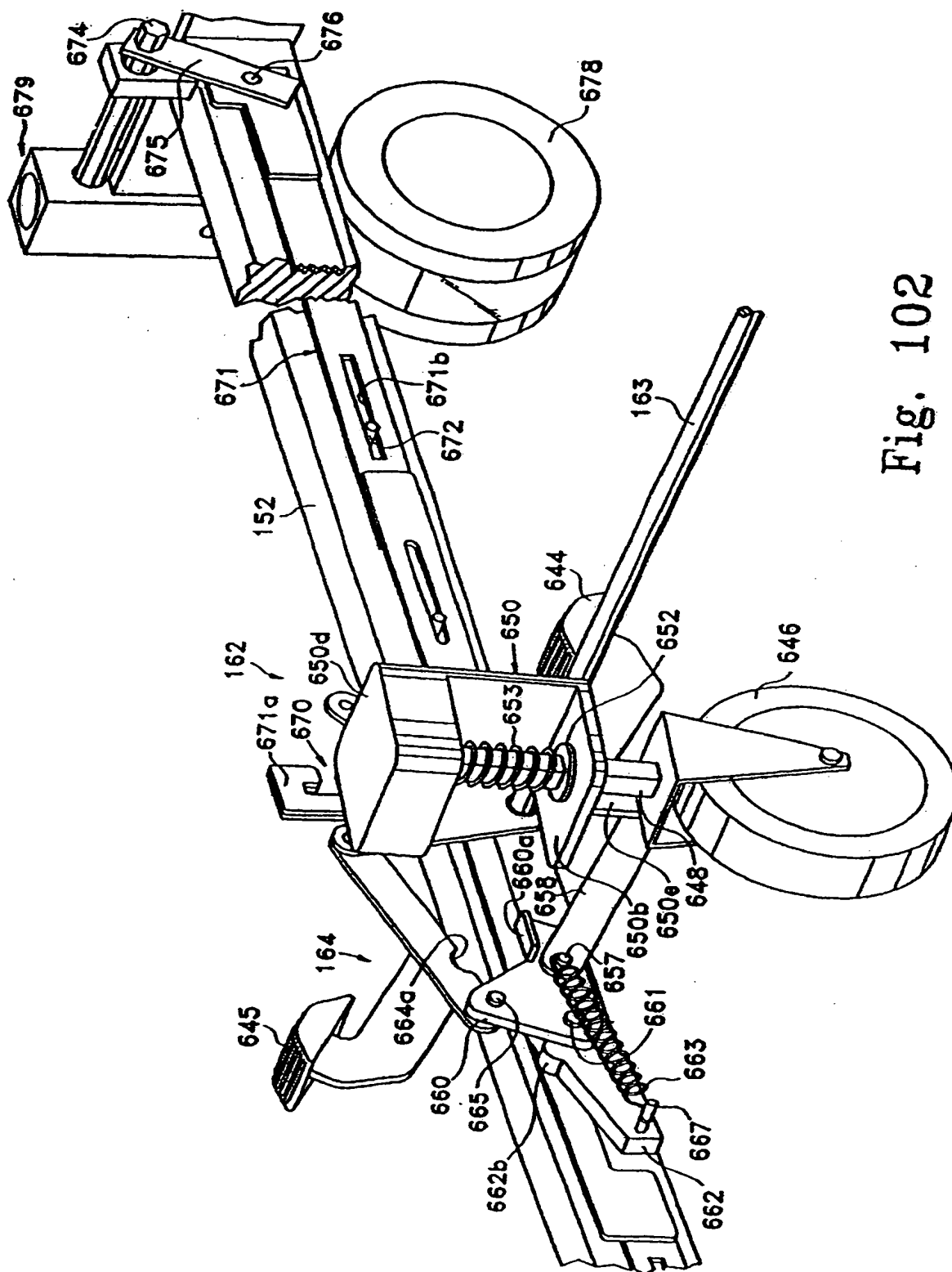
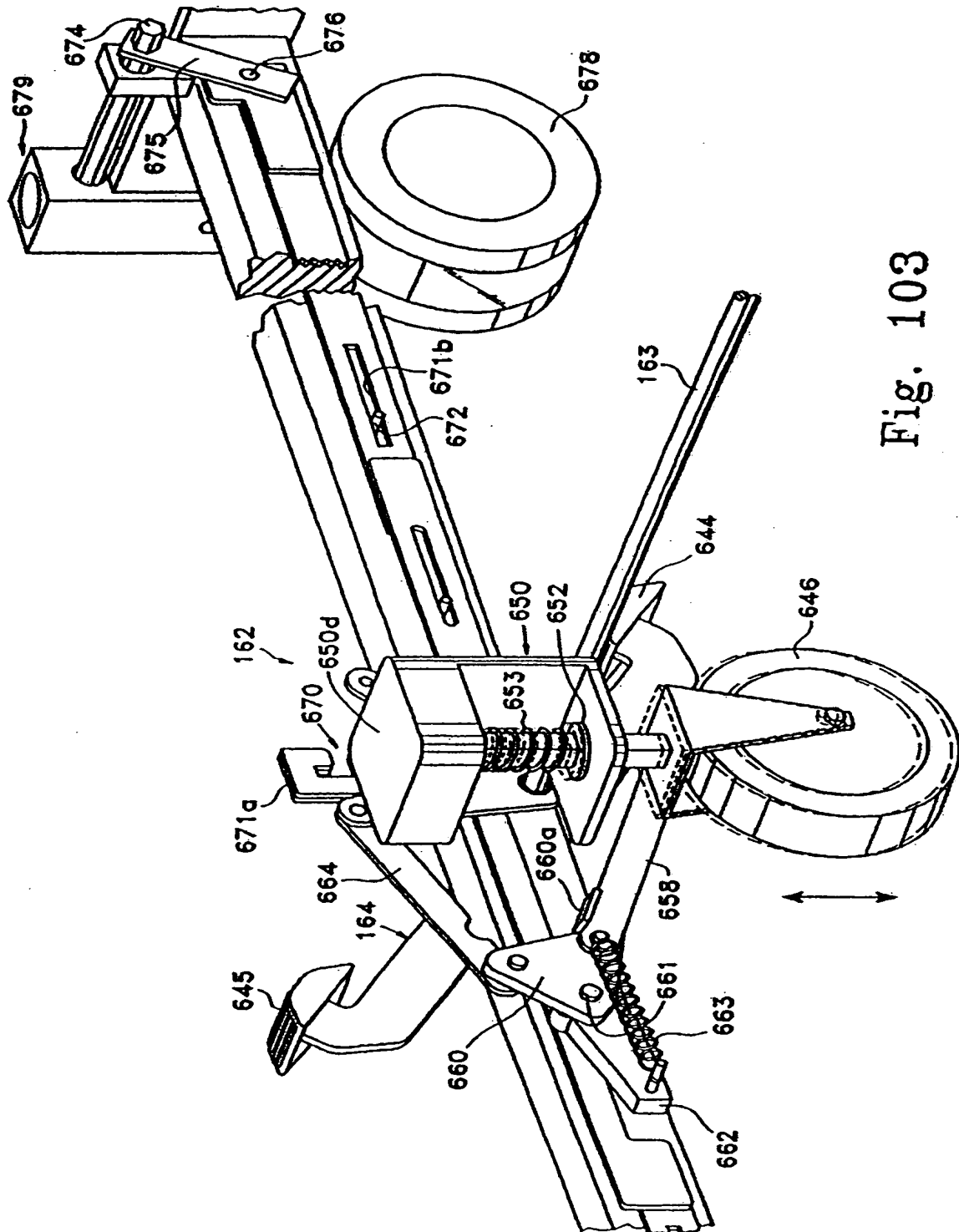


Fig. 101





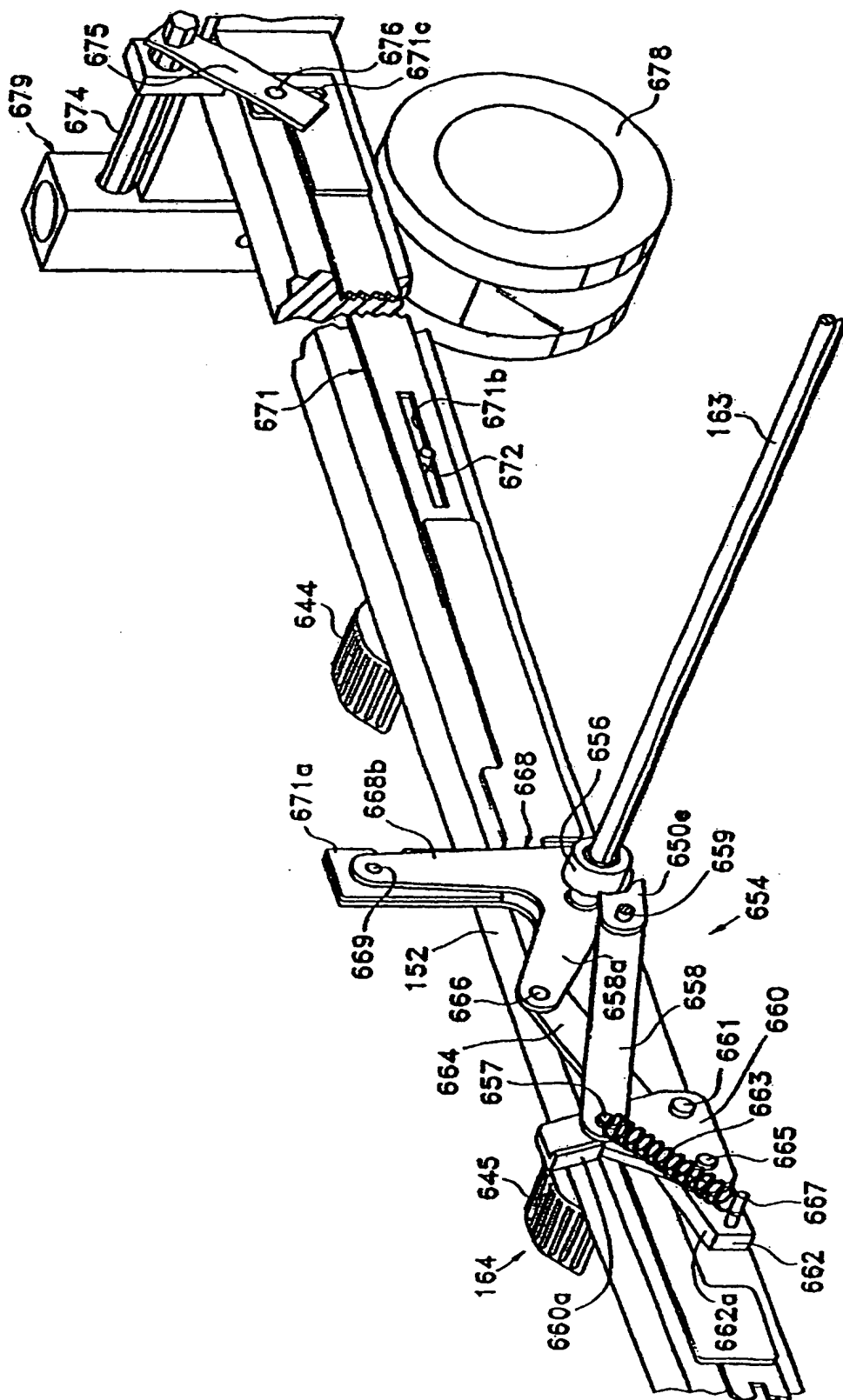


Fig. 104

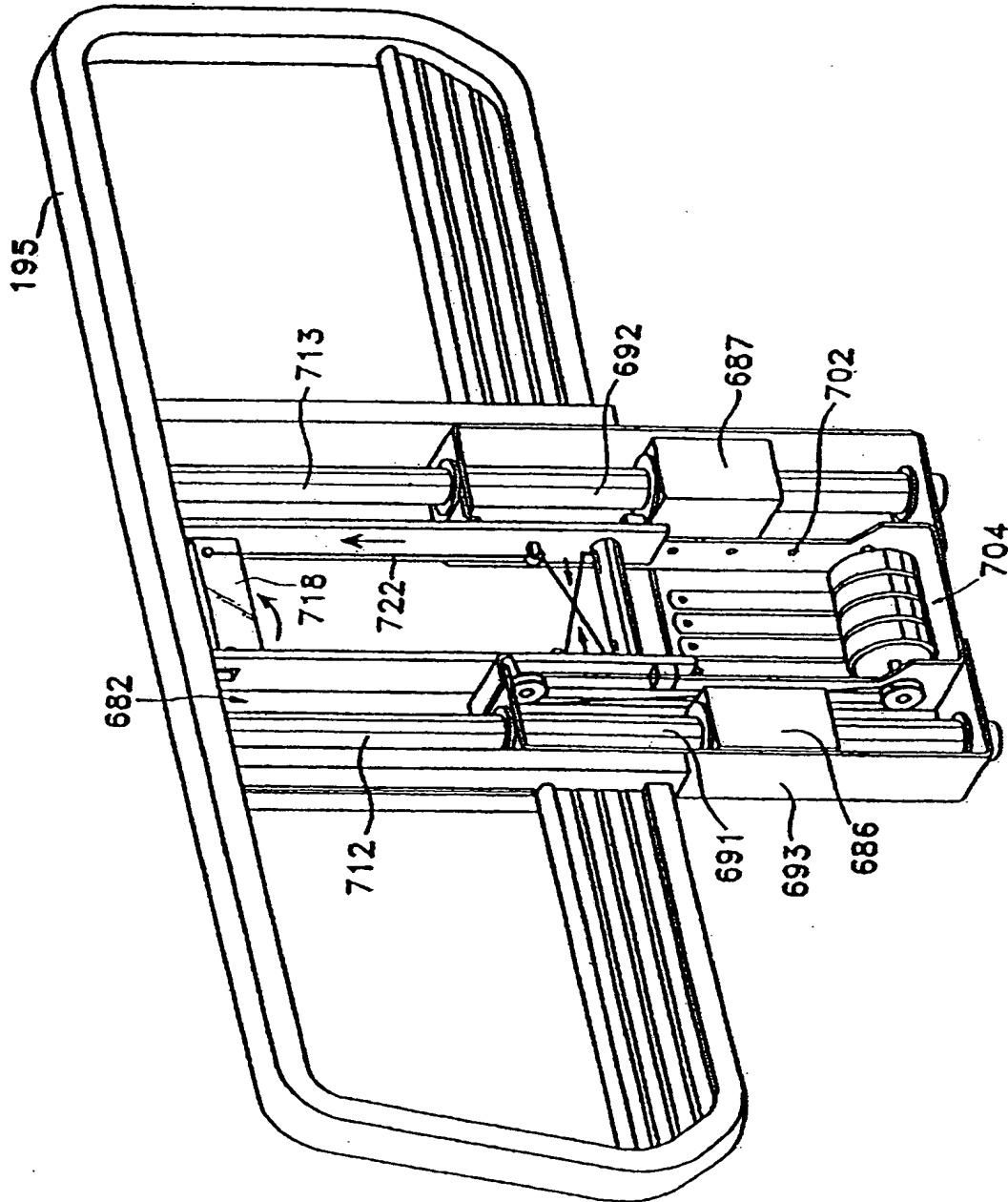


Fig. 105

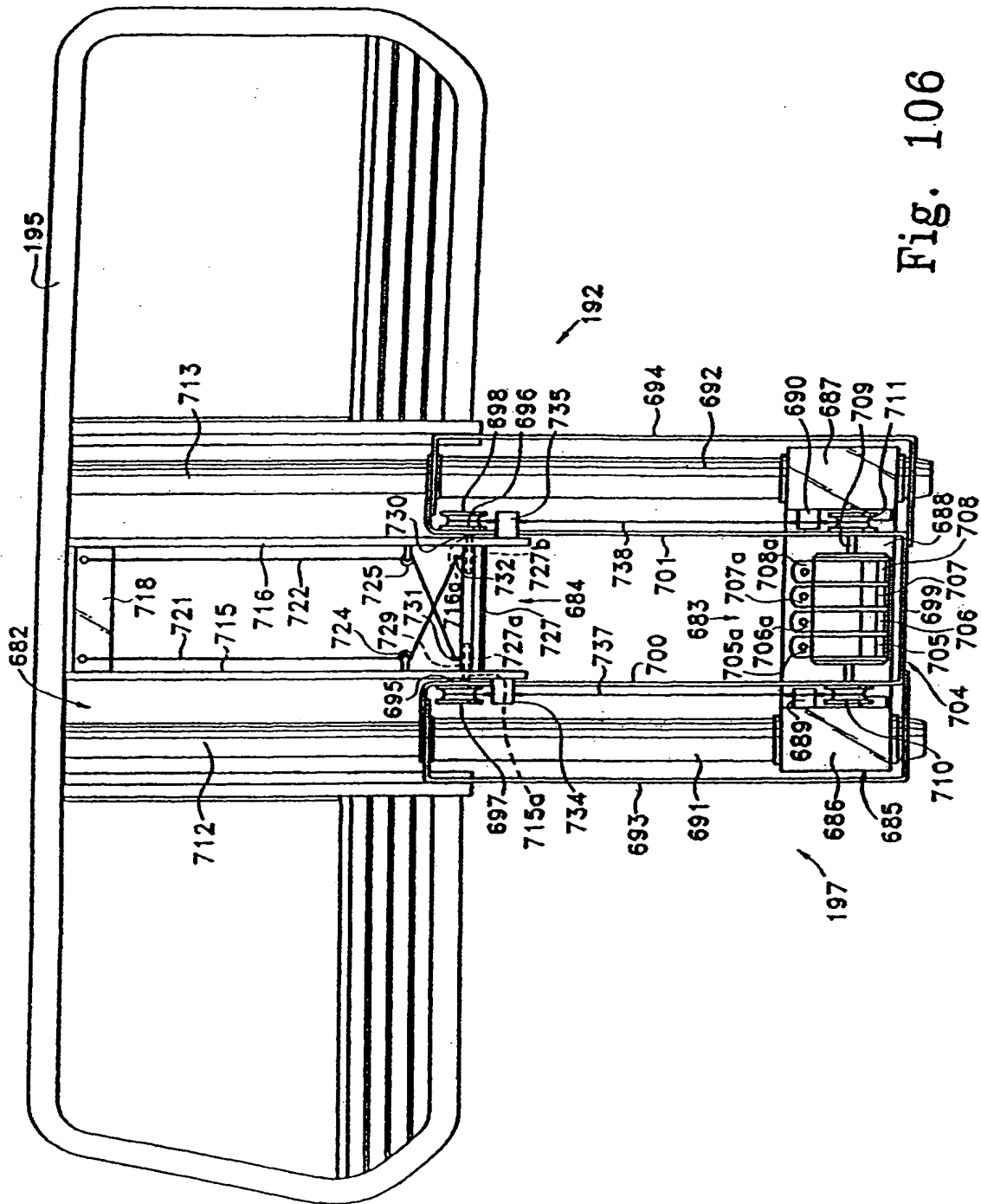


Fig. 106

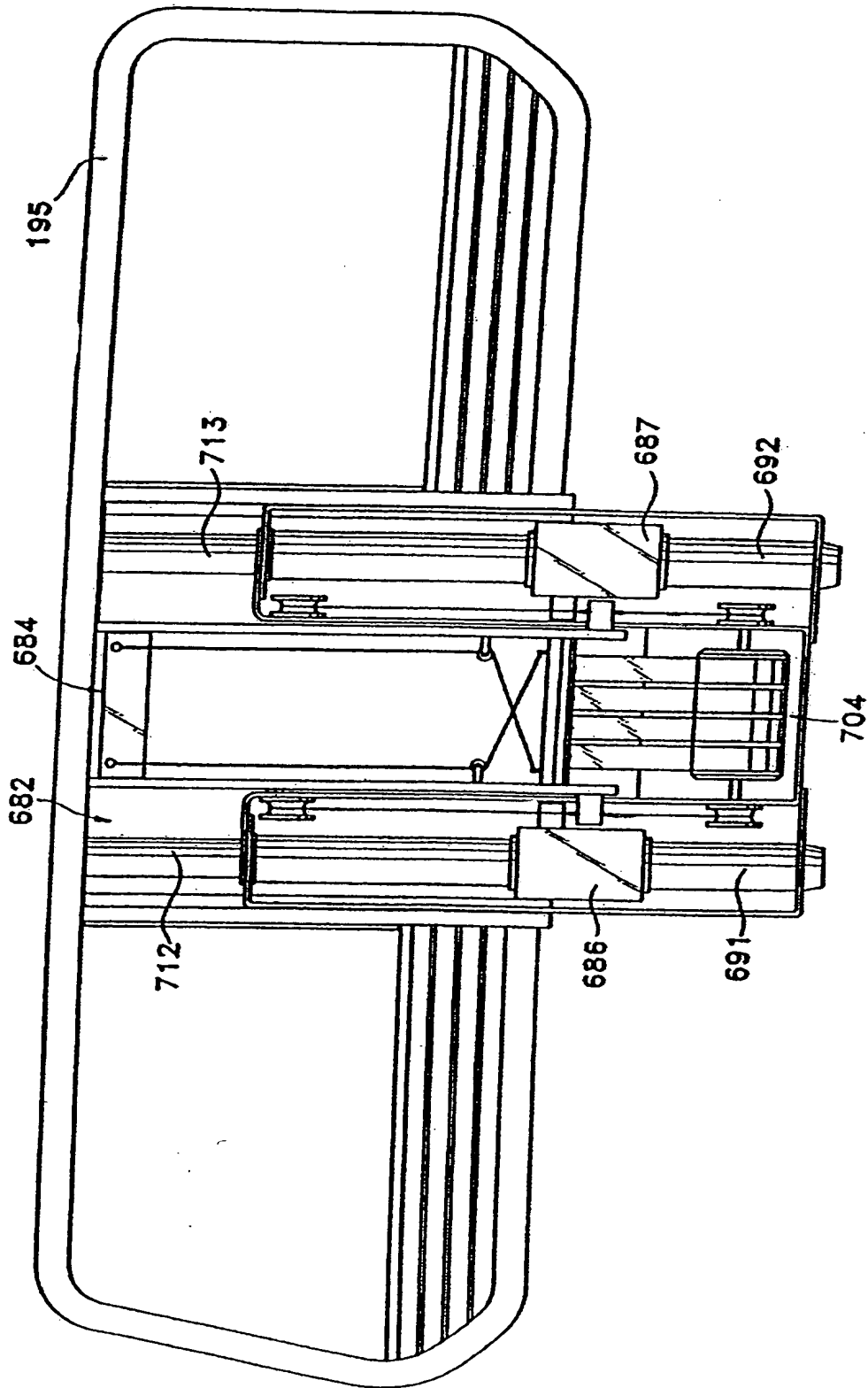


Fig. 107

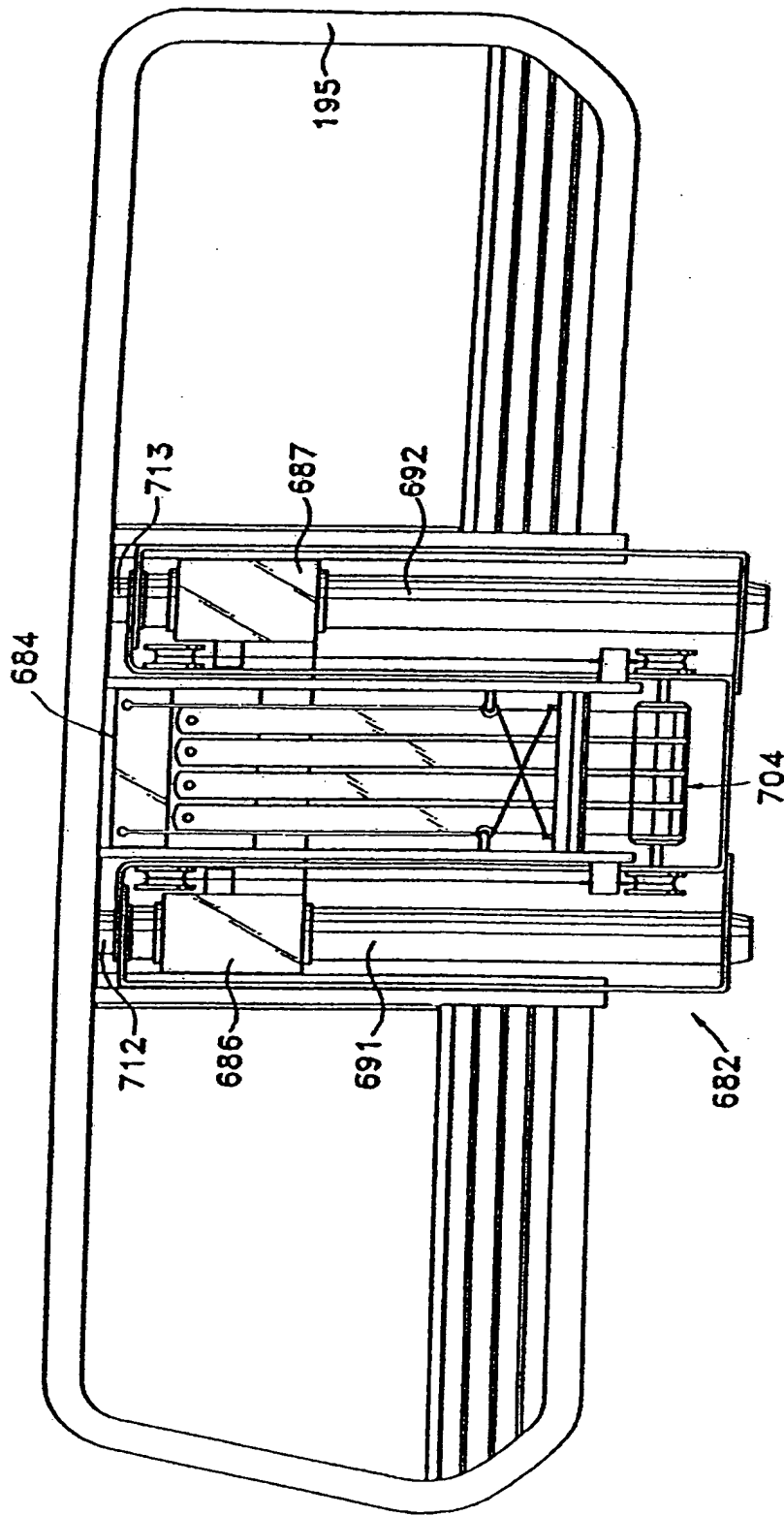
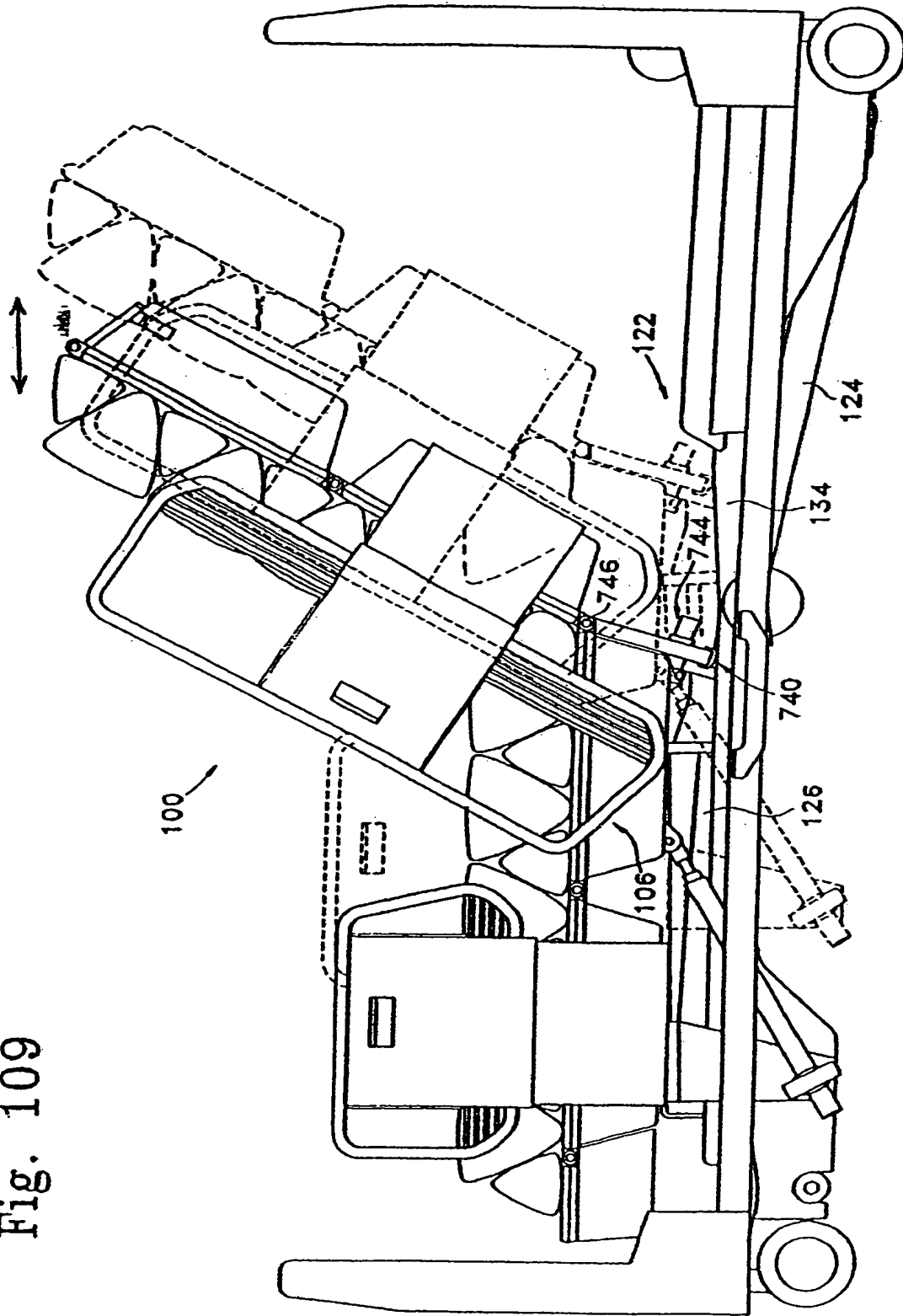


Fig. 108

Fig. 109



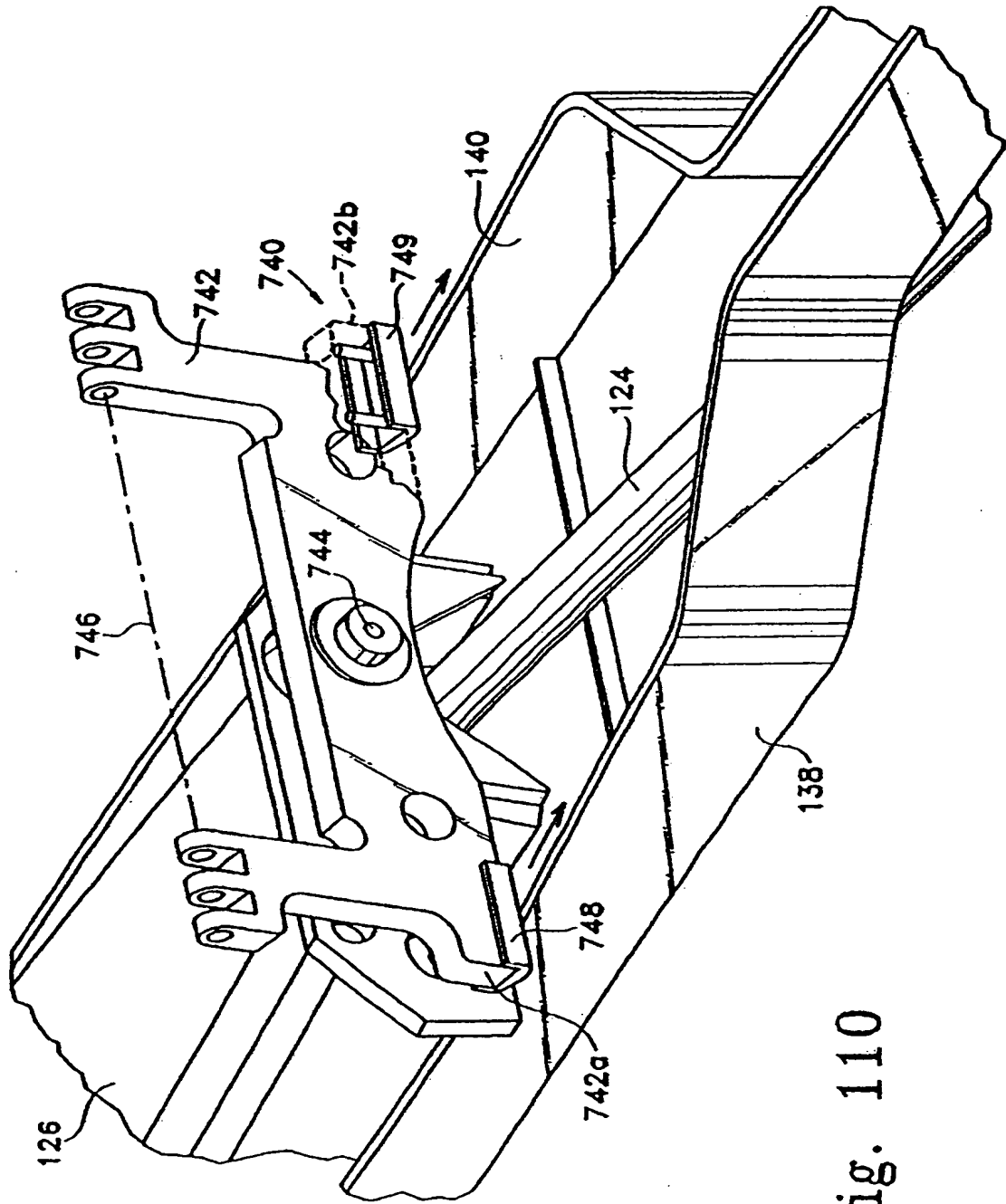
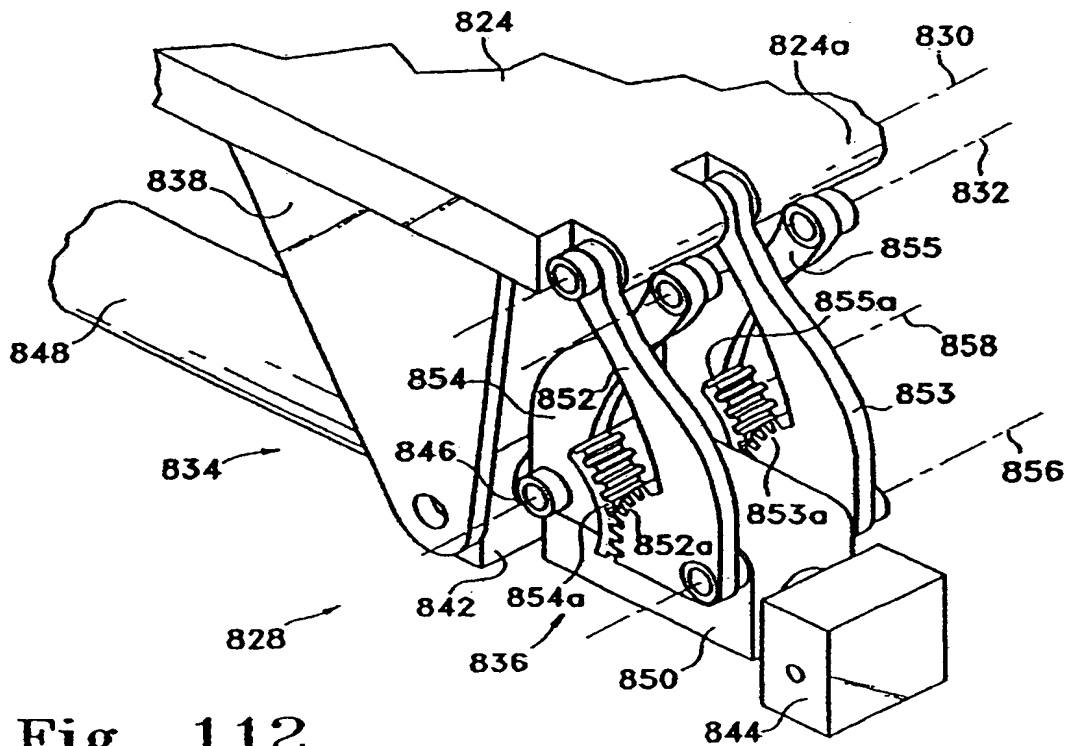
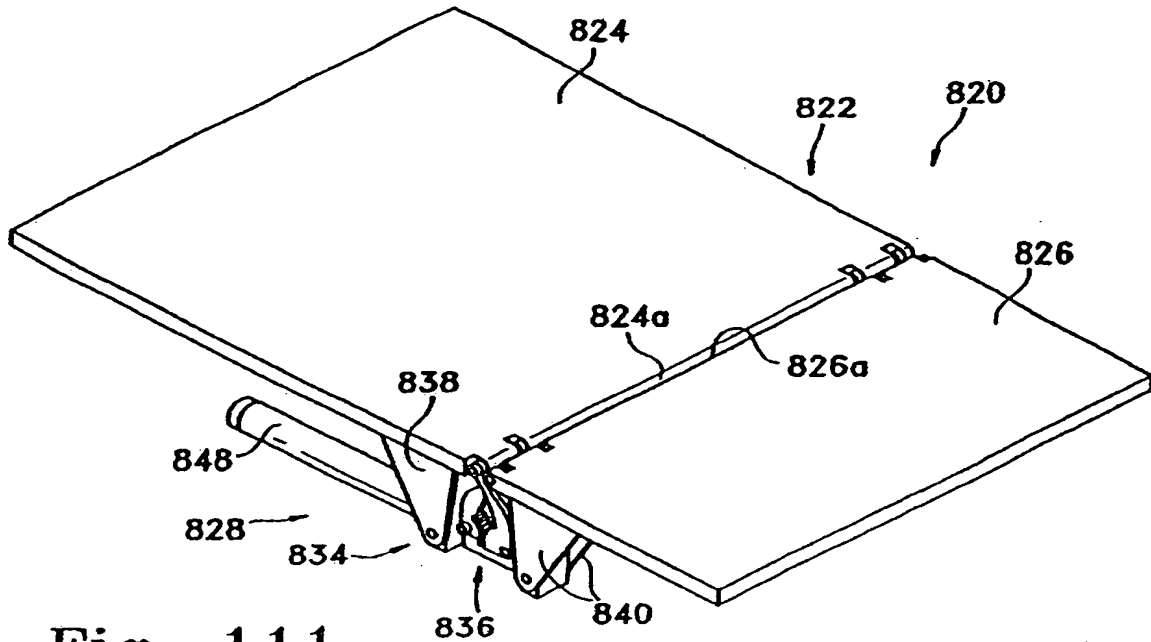
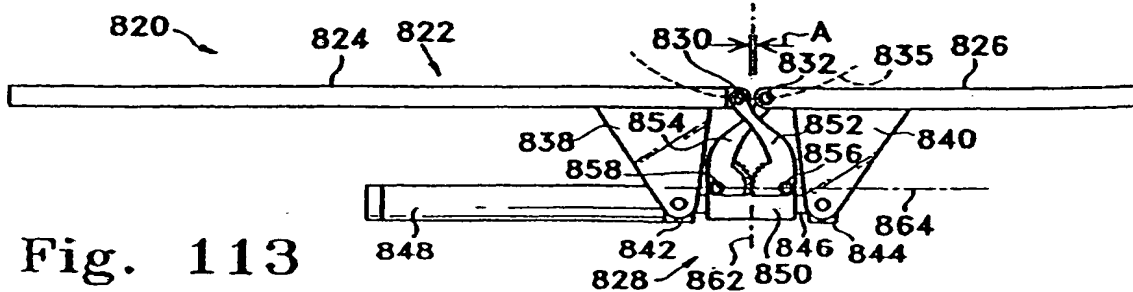
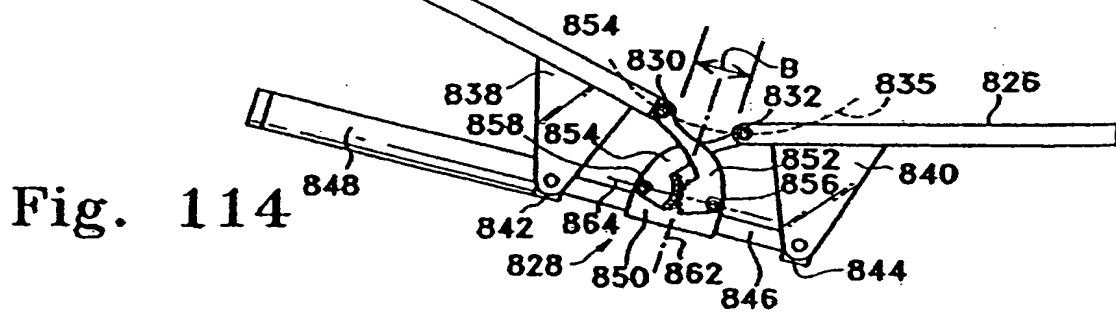
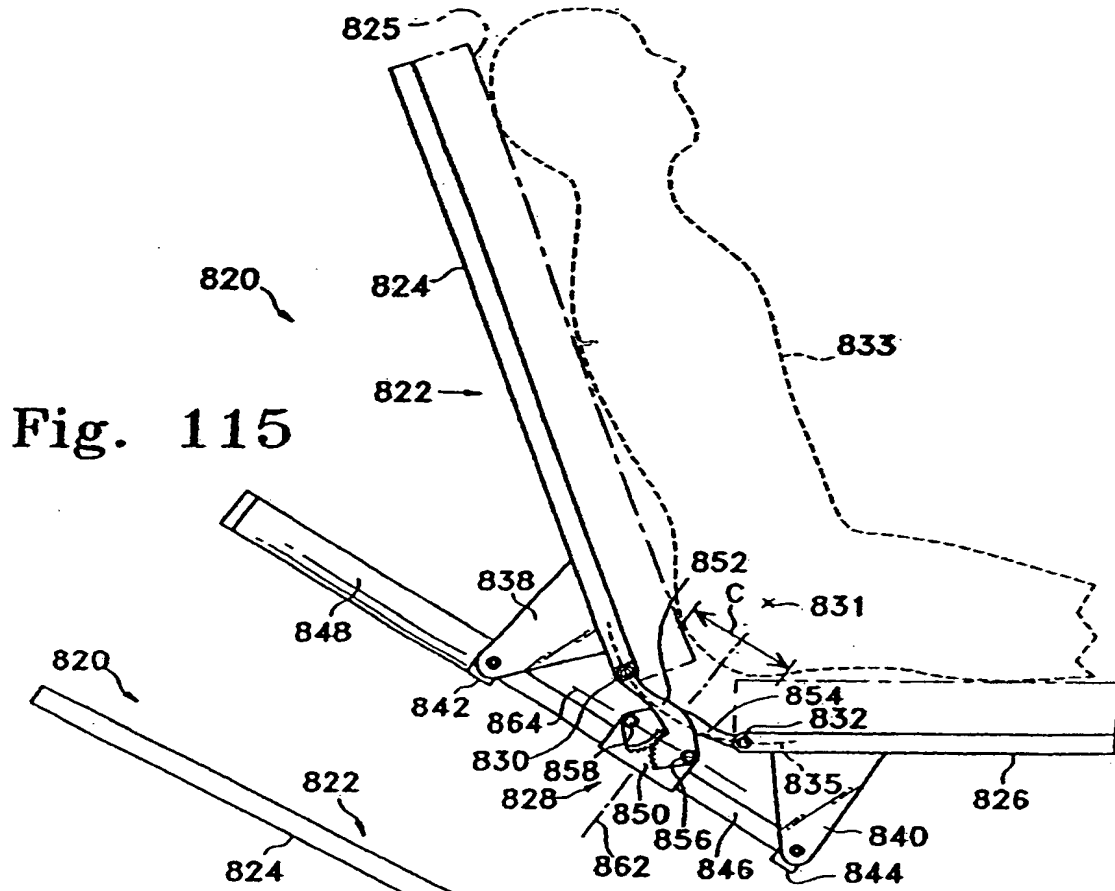


Fig. 110





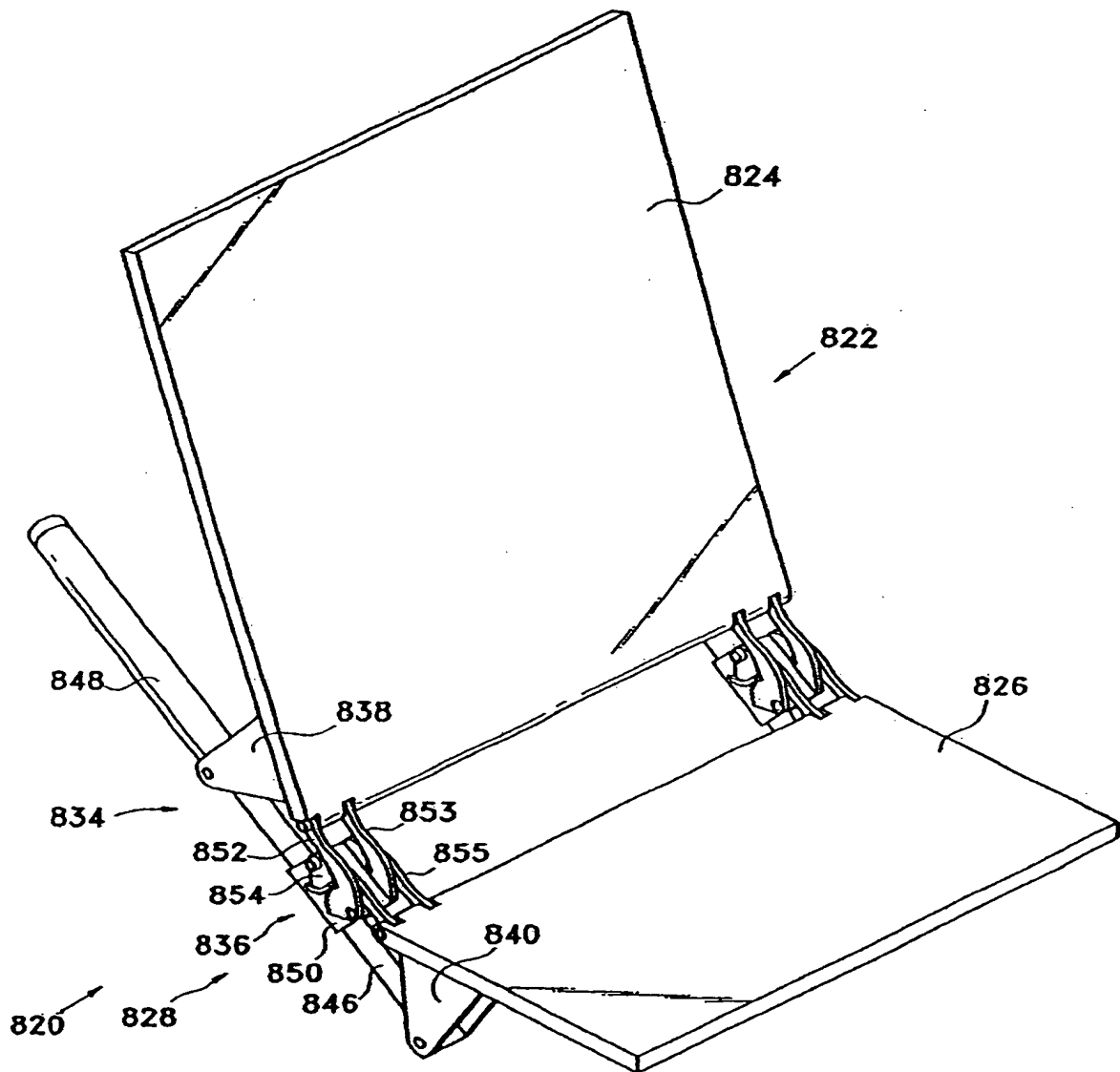


Fig. 116

Fig. 118

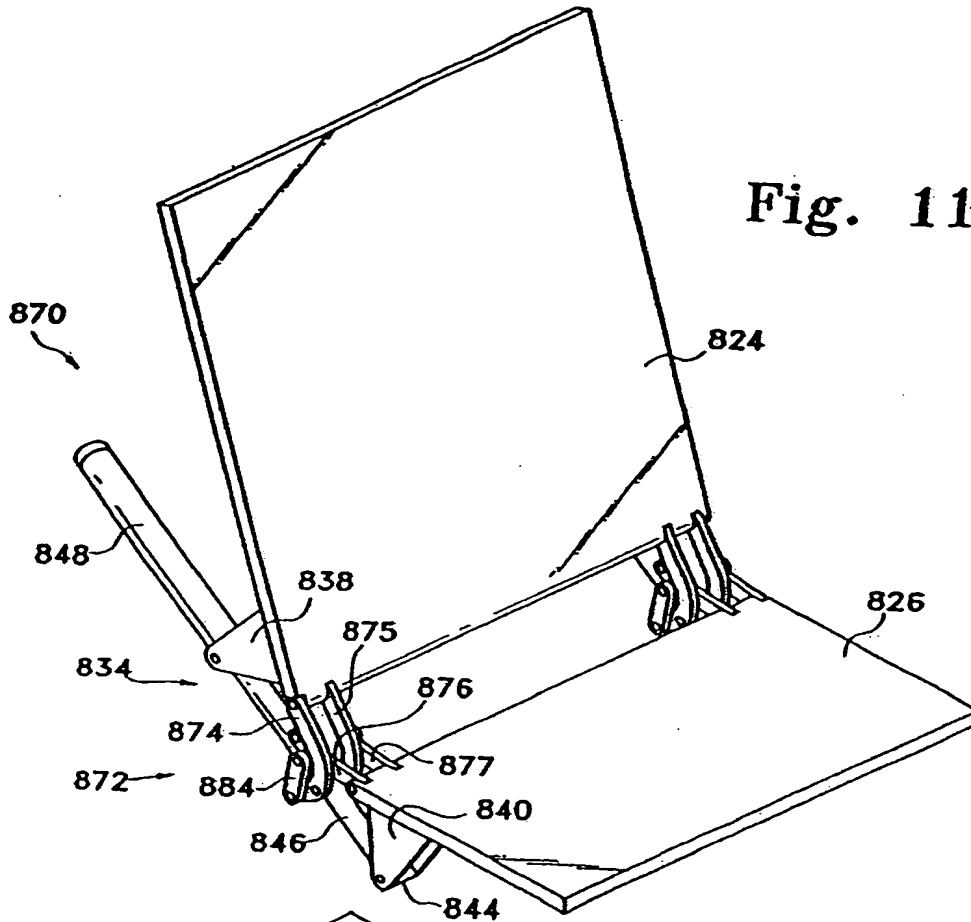
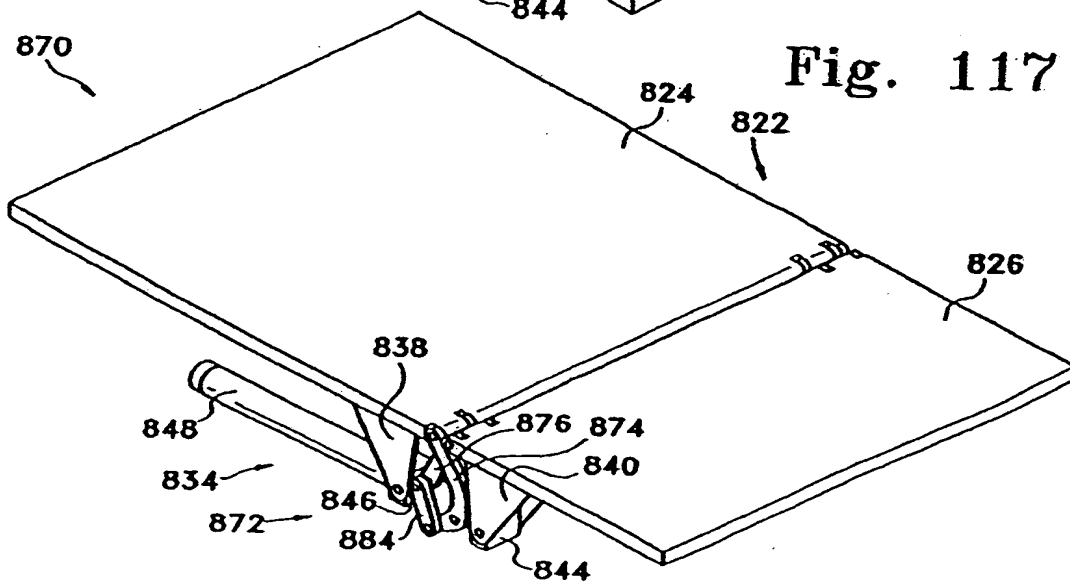
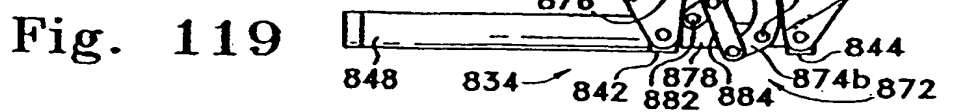
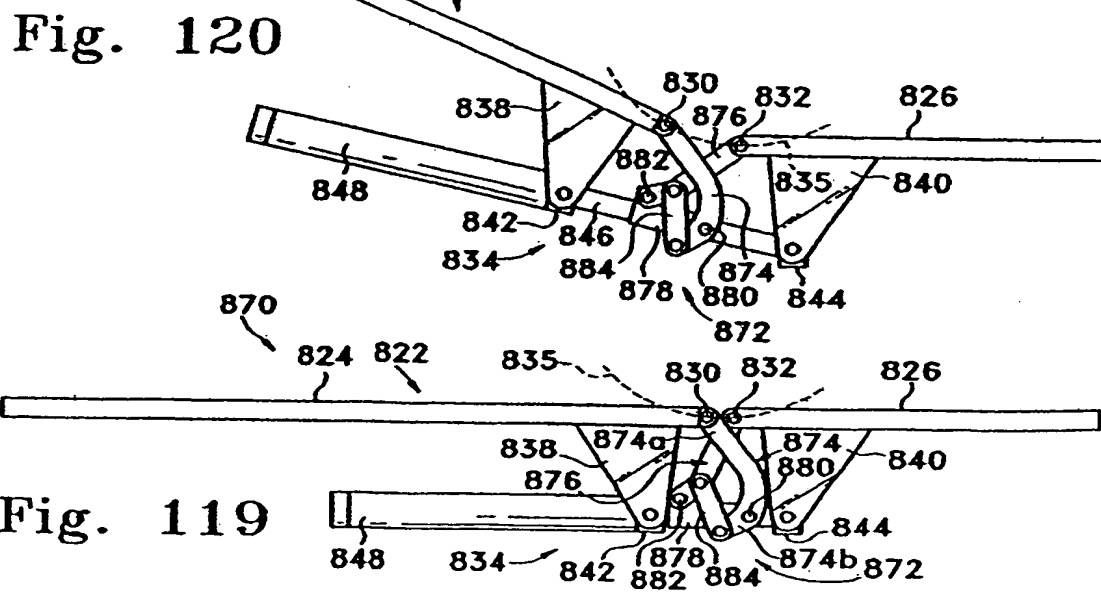
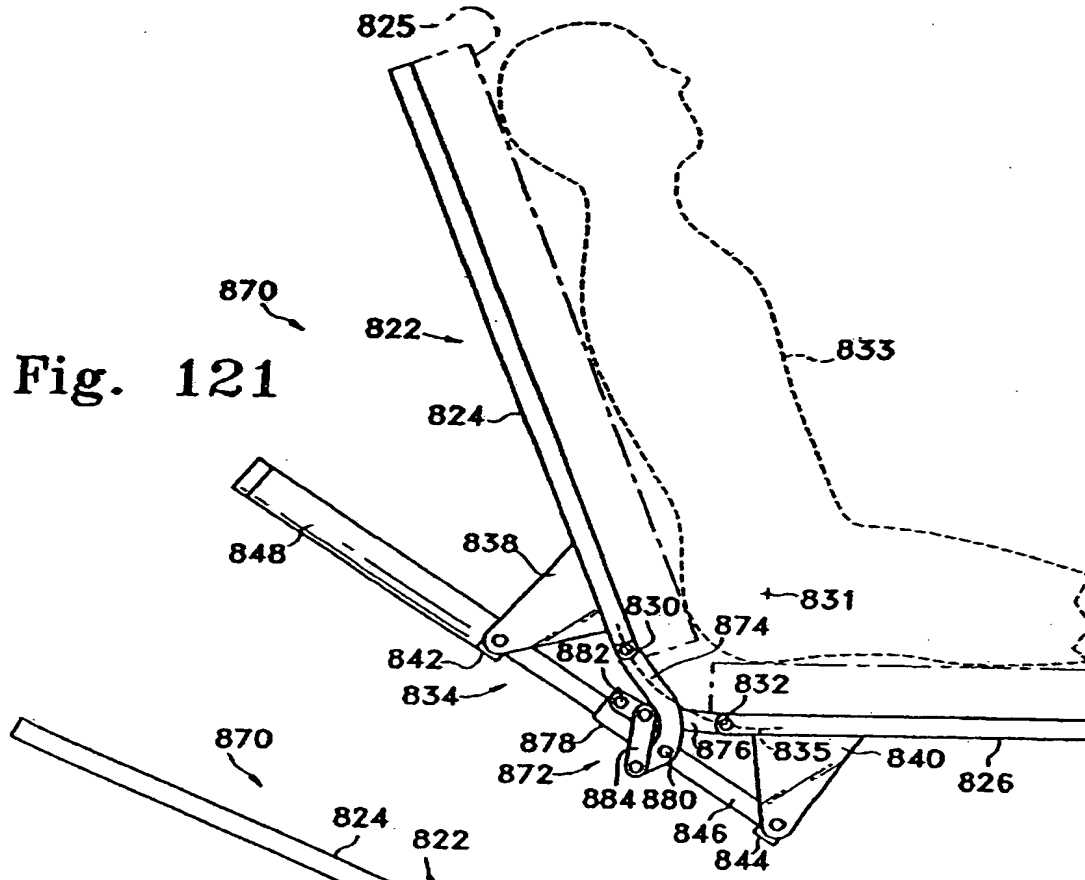
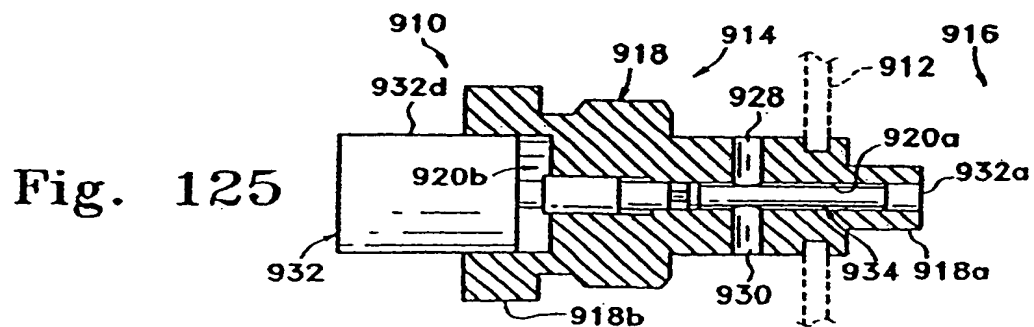
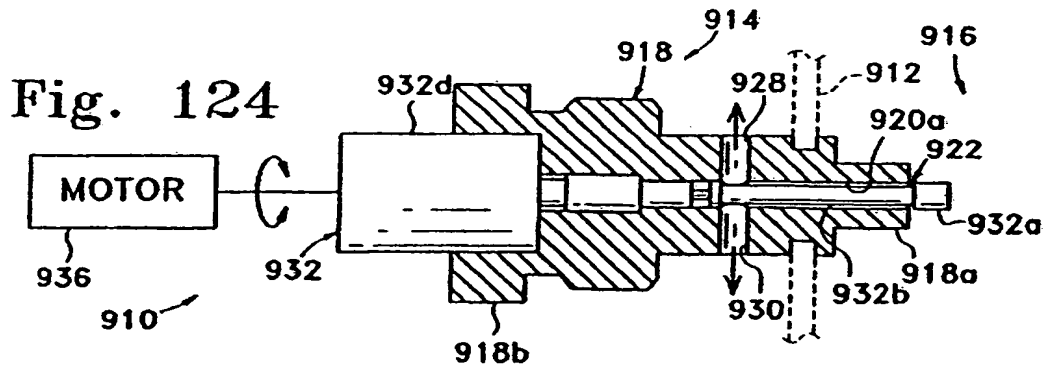
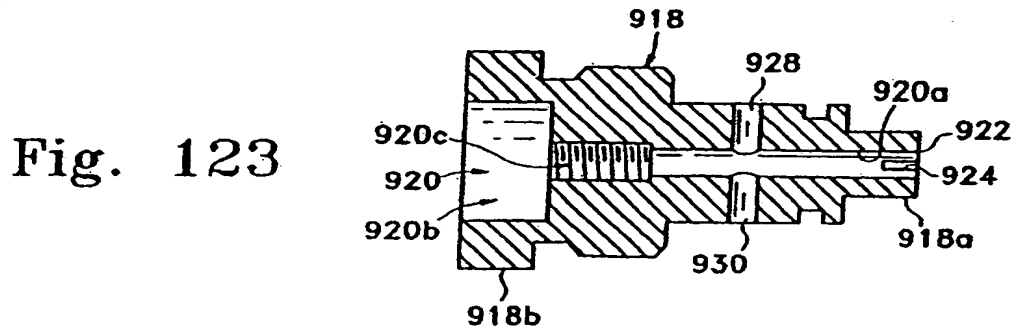
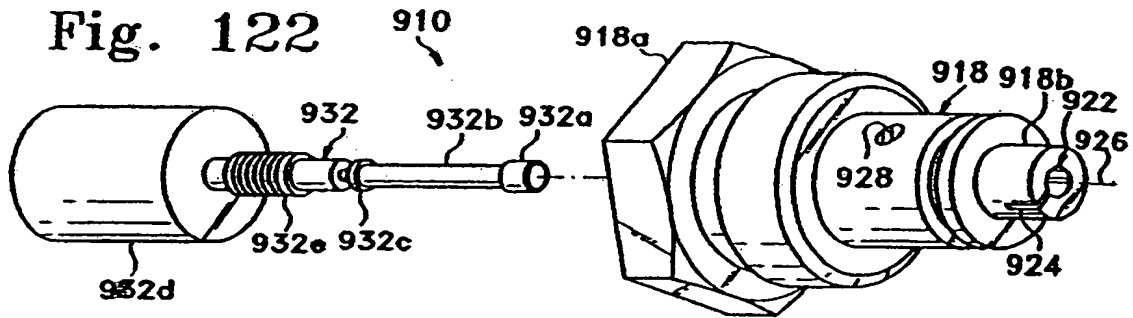


Fig. 117







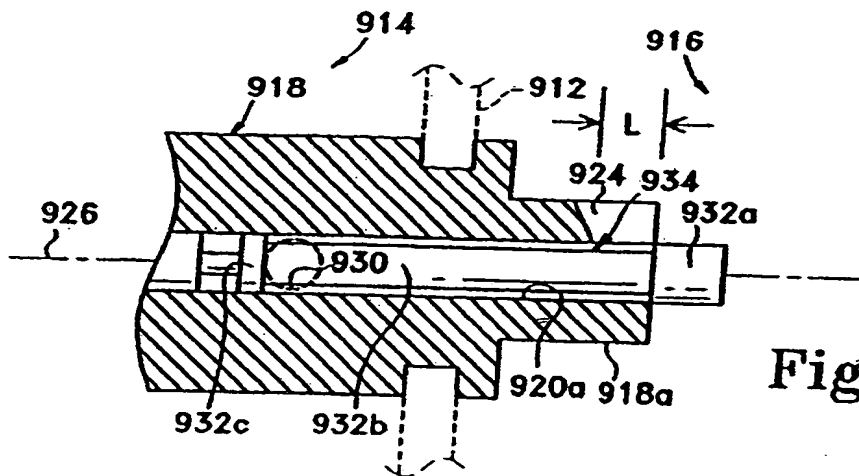


Fig. 126A

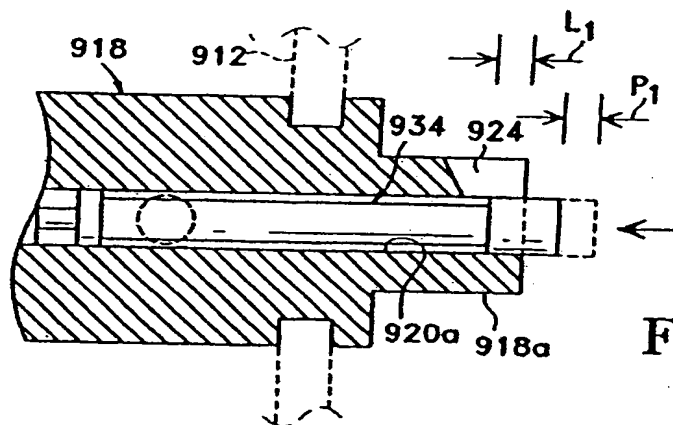


Fig. 126B

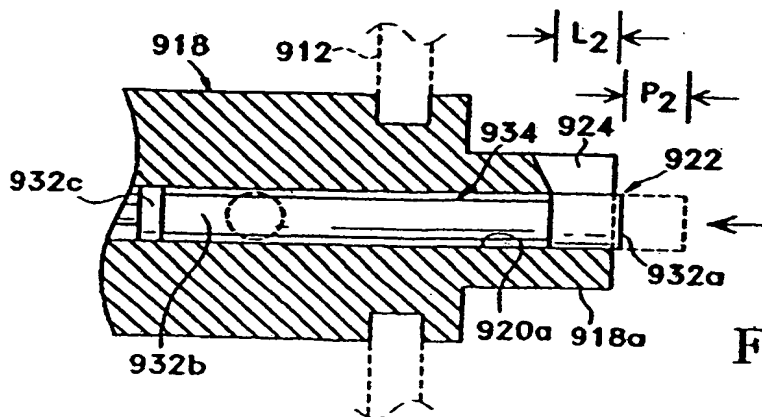
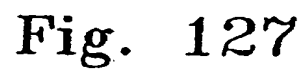


Fig. 126C



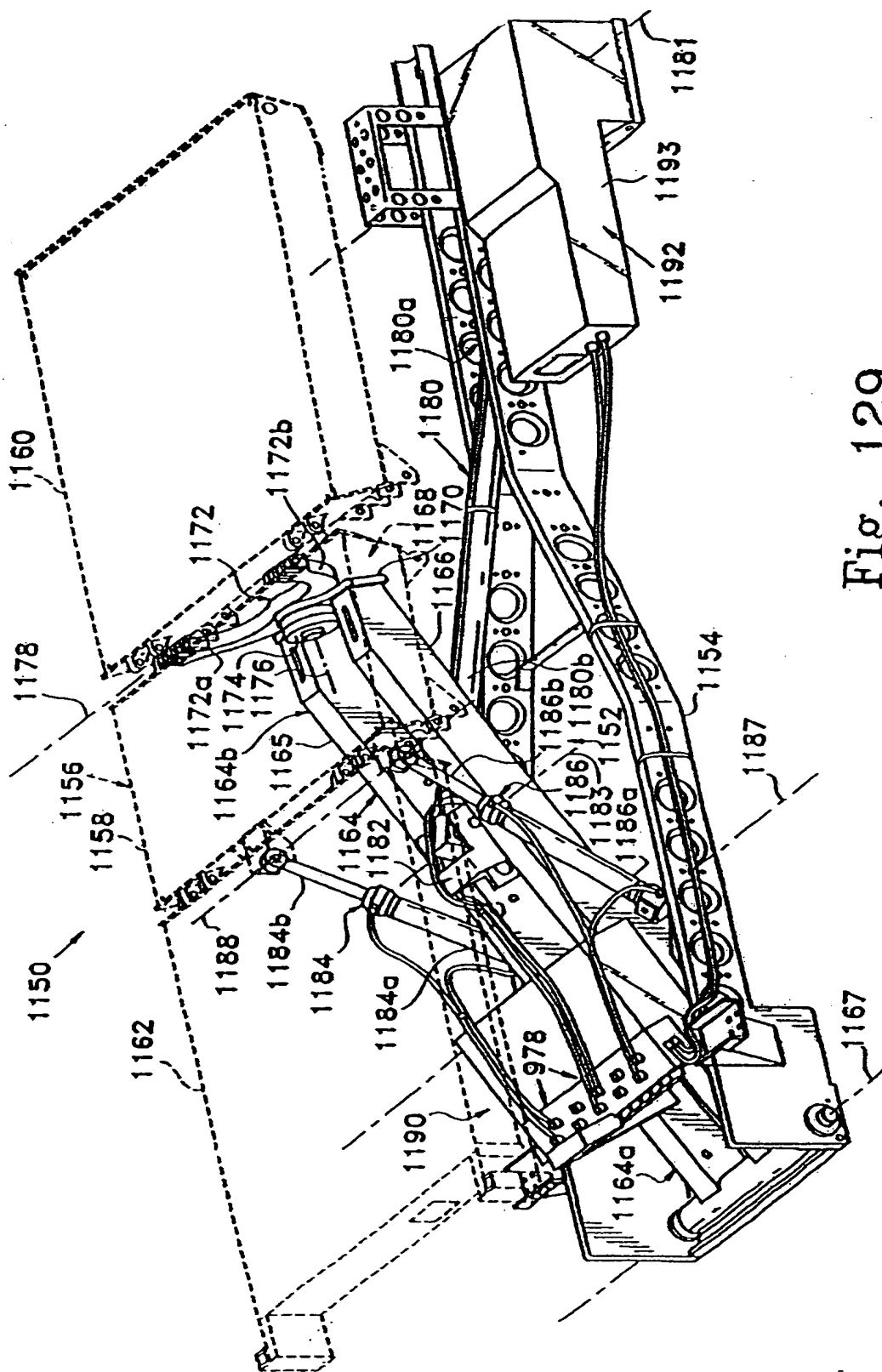


Fig. 129

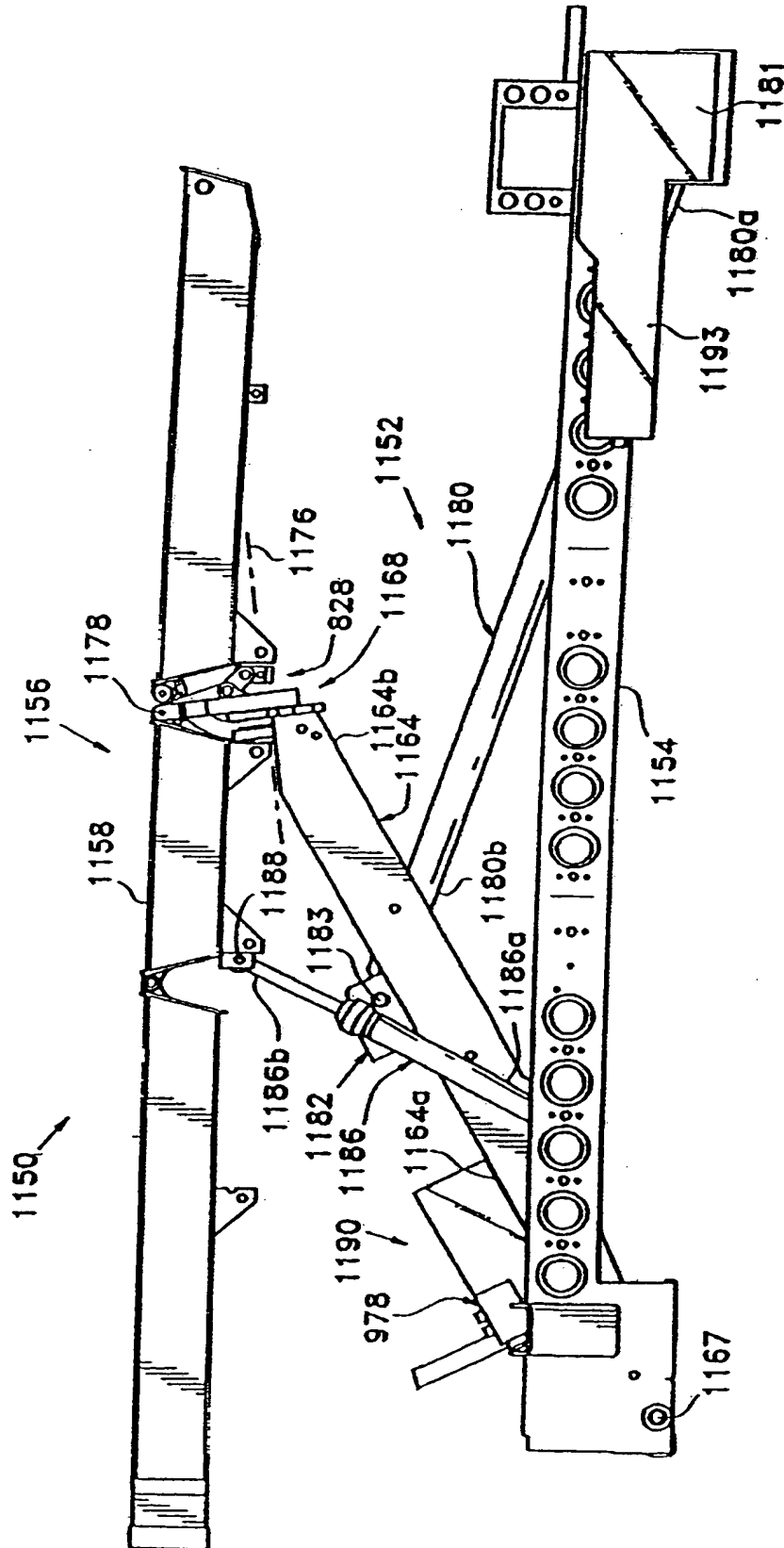


Fig. 130

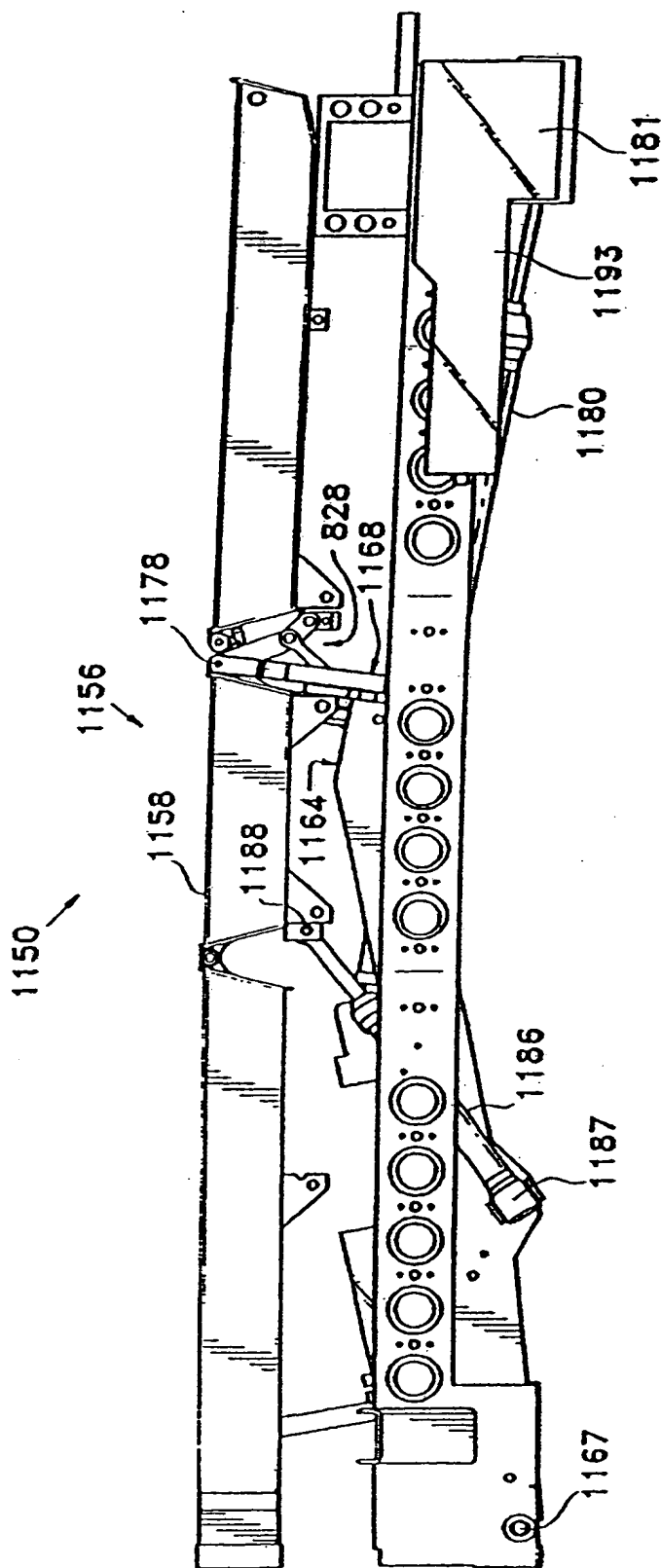


Fig. 131

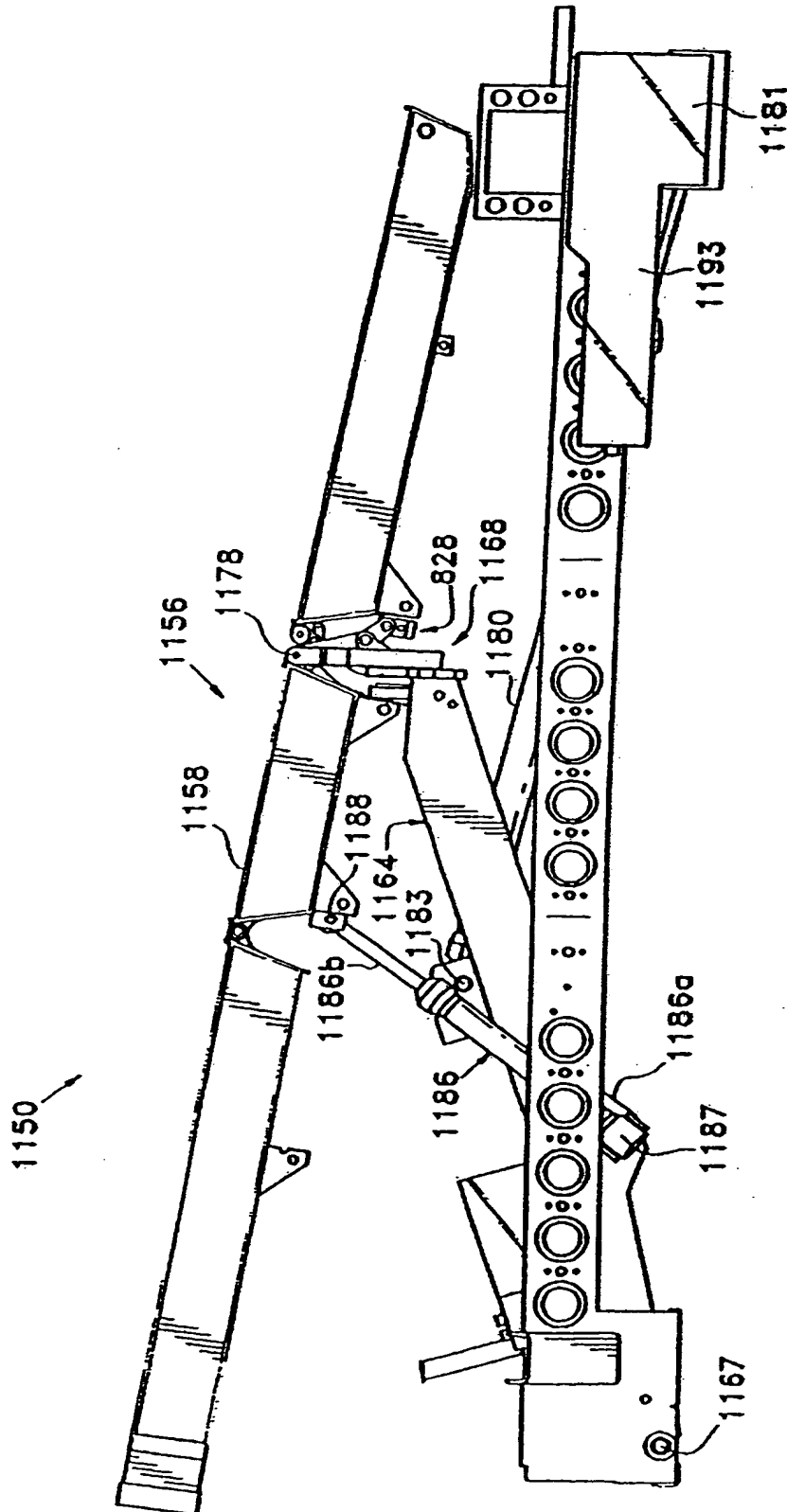


Fig. 132

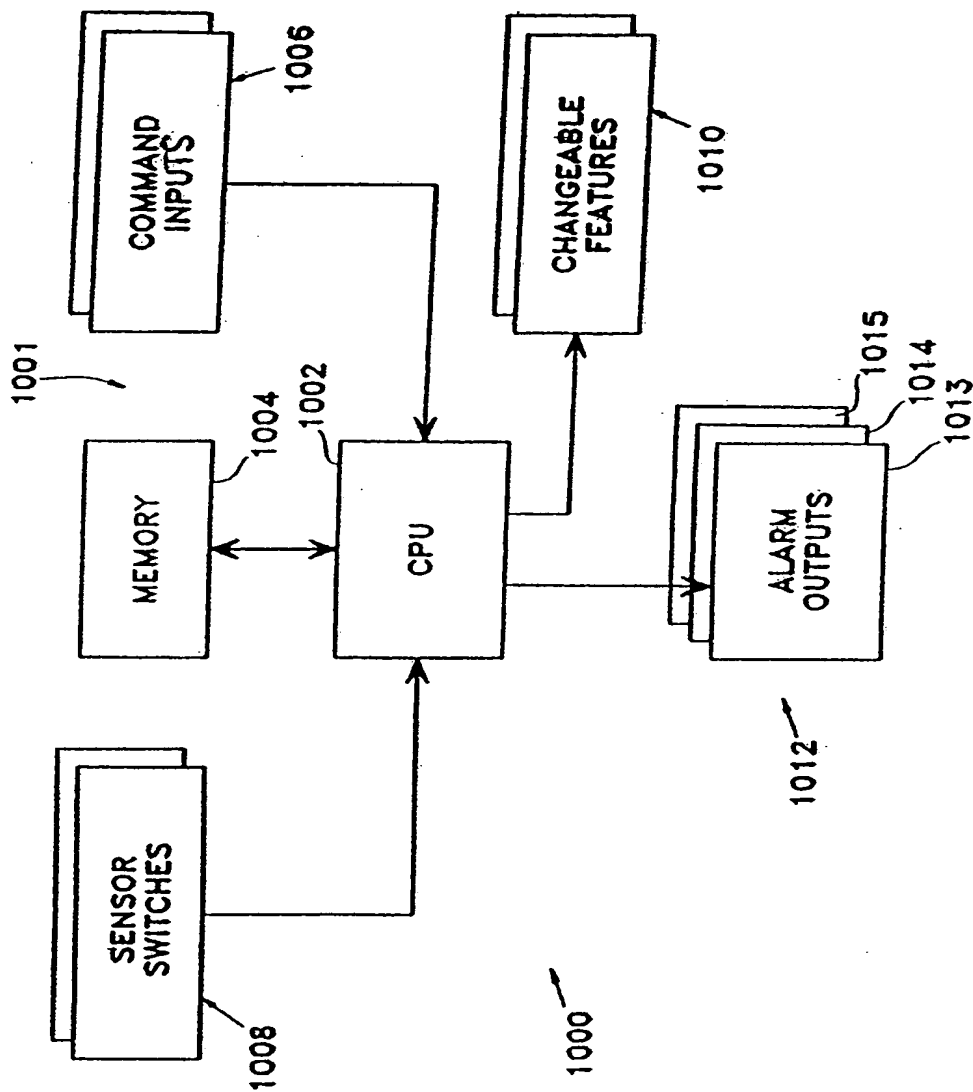


Fig. 133

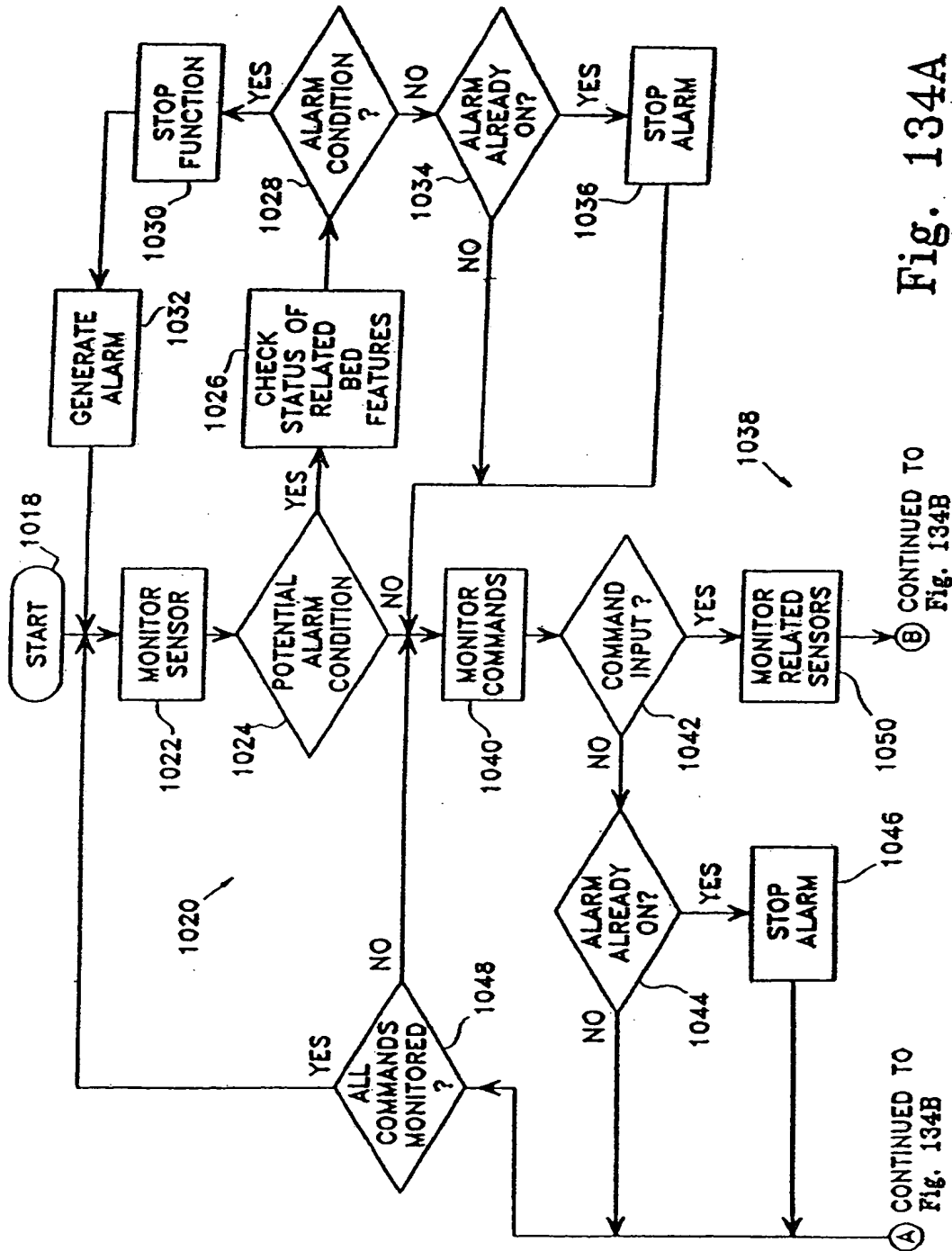


Fig. 134A

